International Specialists in the Environment

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MEMORANDUM Pate 6 29 8

DATE:

January 24, 2006

TO:

Joanne LaBaw, Task Monitor, EPA, Seattle, Washington, Mail Stop ECL-115

FROM:

Linda Costello, START-3 Project Leader, E & E, Seattle, Washington

SUBJECT:

Hazard Ranking System Score

Larson AFB Titan Missile Facility S-2

Warden, Washington

REF:

Contract Number EP-S7-06-02

Technical Direction Document Number 06-01-0023

cc:

Renee Nordeen, START-3 Project Manager, E & E, Seattle, Washington

A Hazard Ranking System (HRS) score of 1.50 was derived for the Larson AFB Titan Missile Facility S-2 site, which is located near Warden, Washington. A preliminary assessment (PA) was for the site was conducted by the Washington Department of Ecology (Ecology). The information from this PA was used to develop this HRS score. Additionally, new reference material is supplied at the end of this memorandum to supplement missing information in the PA.

The site is a former Titan I intercontinental ballistic missile facility that was operated by the United States Air Force from 1962 to 1966. Hazardous substances used, stored, or disposed at the site during the period of military operation include diesel oil, RP-1 fuel (kerosene), lubrication oil, hydraulic fluid, solvents, de-greasers, transformer fluids containing polychlorinated biphenyls, nickel-cadmium batteries, sulfuric acid, liquid oxygen, nitrogen, and helium. Also, lead-based paint and waste oils may have been used or disposed at the site.

In the 1970s, the site was used by a subsequent land owner for liquid manure and chemical fertilizer storage. Further, a methanol plant was constructed at the site and used for a short period of time.

The PA work included limited sampling and analyses at potential sources. Analytical results from this sampling effort, the PA report, supplemental information compiled by the START-3, and when necessary professional assumptions were used in preparing this HRS score.

The HRS scoresheets, which were generated using Quickscore version 2.2 software, are attached. The following information and assumptions were used to derive the score.

Sources:

Septic System (contaminated soil). A soil sample was collected near the septic system, in what appears from the sample location map provided in the PA to be a drainage area associated with the septic systems primary sewage vault. This sample contained



methylene chloride at 22 micrograms per kilogram. The dimensions of the drainage area are not provided in the PA report. For scoring purposes, it is estimated that this area is 100 feet by 50 feet. The hazardous waste quantity value for this source is 0.15 (i.e., [100 feet x 50 feet]/34,000 for Tier D). The containment factor value for this source for all pathways is 10.

• West Ditch (contaminated soil). A soil sample was collected from an area labeled the "West Ditch". This ditch is near one of the launchers and may have received wastes associated with activities at the launcher. The soil sample contained chromium (110 milligrams per kilogram [mg/kg]) and copper (39.3 mg/kg) at concentrations that appear to be elevated (no background sample was collected). The dimensions of the west ditch are not provided in the PA report. For scoring purposes, it is estimated that this area is 75 feet by 25 feet. The hazardous waste quantity value for this source is 0.06 (i.e., [75 feet x 25 feet]/34,000 for Tier D). The containment factor value for this source for all pathways is 10.

Groundwater Migration Pathway:

- Two groundwater wells exist at the site, however, groundwater has not been sampled. For scoring purposes, it is assumed that an observed release to groundwater exists. The nearest drinking water wells are three municipal wells located between 0.5 and 1 mile of the site. Contamination associated with the site has not been detected in these wells. For this reason, all wells are considered to be subject to potential contamination, rather than actual contamination.
- Three aquifers exist in the area of the site: the shallow unconfined aquifer to approximately 75 feet below ground surface (bgs), the Wanapum aquifer to approximately 625 feet bgs, and the Grande Ronde aquifer which underlies the Wanapum aquifer. The PA does not state whether these aquifers are interconnected. For scoring purposes, the aquifers will be considered to be interconnected.
- The net precipitation factor value is 1.
- The depth to the aquifer is between 25 feet and 250 feet which derives a depth to aquifer factor value of 3.
- The PA report indicates geology underlying the site includes clay. The thickness of the clay layer is not provided. A thickness between 5 and 100 feet is assumed. The hydraulic conductivity of clay is 10⁻⁸. A travel time factor value of 5 is assigned.
- The highest toxicity/mobility factor value that can be assigned is 100 based on chromium as the contaminant of concern.
- The nearest well is located between 0.5 and 1 mile of the site (see Attachment A). The nearest well factor value is 9.
- Approximately 2,660 people use groundwater for drinking water within the 4-mile target distance limit (TDL; Figure 1; see Attachment A). The populations using groundwater for drinking water by distance ring are as follows:

Distance Ring	Population	Distance Weighted Population Value
0 to 0.25 mile	0	0
0.25 to 0.5 mile	0	0
0.5 to 1 mile	2,565	523
1 to 2 miles	23.36	3
2 to 3 miles	7.08	0.5
3 to 4 miles	64.24	4
Total distance weight	ted population value	530.5/10 = 53.05 ⇒ 53

- Groundwater is used in commercial food preparation (see Attachment A). A resource factor value of 5 is assigned.
- The site is in a wellhead protection area (see Attachment A). A wellhead protection area factor value of 20 is assigned.

Surface Water Migration Pathway:

- An observed release to surface water is not assumed. All targets are assumed to be subject to potential contamination.
- One probable point of entry (PPE) for the surface water migration pathway exists for the site at the location where surface runoff enters an unnamed creek located approximately 2,000 feet south of the site. This creek flows east meeting an unnamed ditch or canal approximately 0.7 mile downstream. The ditch flows north, merging with the East Low Canal approximately 0.7 mile downstream. The 15-mile TDL concludes 13.6 miles downstream in this canal (Figure 2).
- The flow rates of the streams within the 15-mile TDL are not provided in the PA report. For scoring purposes, it is estimated that the unnamed creek and unnamed ditch each have flow rates between 1 and 10 cubic feet per second (cfs). The East Low Canal is estimated to have a flow rate of 10 to 100 cfs.
- The site's drainage area is not provided in the PA report. Based on the size of the site and surrounding topography, it is estimated that the drainage area is 200 acres. A drainage area value of 2 is assigned.
- Soils at the site consist primarily of Malaga Sandy loam which has moderately rapid to very rapid permeability. Runoff is generally slow. A soil group designation of A is assigned for the site.
- The 2-year, 24-hour rainfall event is 0.8 inches. A rainfall/runoff value of 0 is assigned.
- The runoff factor value for the site is 0.
- The distance from the sources at the site to surface water is approximately 2,000 feet. A distance to surface water factor value of 9 is assigned.

• The site is not located in a floodplain. A floodplain factor value of 0 is assigned.

- Drinking Water Threat

- The highest toxicity/persistence factor value that can be assigned is 10,000 based on chromium as the contaminant of concern.
- The PA report does not discuss whether drinking water intakes exits within the 15-mile TDL. Since the surface water bodies within the 15-mile TDL are either very small (i.e., either a small creek or a ditch) or are canals, it is assumed that no drinking water intakes exist. A nearest intake value of 0 is assigned.
- The PA report does not discuss surface water resource use, however, due to the agricultural setting of the site and the presence of a canal, it is assumed that surface water is used for the irrigation of 5 acres or more of commercial food crops. A resource factor value of 5 is assigned.

- Human Food Chain Threat

- The highest toxicity/persistence/bioaccumulation factor value that can be assigned is 5×10^6 based on chromium as the contaminant of concern.
- Fishing is not discussed in the PA report. The unnamed creek to the south of the site is not expected to be used as a fishery due to its small size. Likewise, the unnamed ditch and the canal are not expected to be used as fisheries. Since no fisheries exist within the 15-mile, the Human Food Chain Threat receives a score of 0.

- Environmental Threat

- The highest ecotoxicity/persistence/environmental bioaccumulation factor value that can be assigned is 5×10^6 based on chromium or copper as the contaminant of concern.
- Federal- and State-listed species that may be present along the 15-mile TDL are not discussed in the PA report. Wetlands do not exist along the surface water migration pathway (see Attachment B).

Soil Exposure Pathway:

- Exposed contaminated soil exists at the site. Contaminants present include chromium, copper, and methylene chloride.
- The highest toxicity factor value that can be assigned is 10,000 based on chromium as the contaminant of concern.

- Resident Population Threat

- No residences, schools, or daycare facilities occur on the area of observed contamination. The resident individual factor value is 0.
- No workers are present at the site. A workers factor value of 0 is assigned.
- No resources such as commercial agriculture, silviculture, or livestock production occur on an area of contamination.
- No terrestrial sensitive environments are documented to occur on an area of

contamination.

- Nearby Population Threat

- The site is fenced, yet accessible to the public. For scoring purposes, the site is considered to be accessible with no public recreation use. The area of exposed contaminated soil is estimated to be 6,875 square feet. Based on this information, a nearby population likelihood of exposure factor value of 5 is assigned.
- The nearest individual is between 0 and 0.25 mile of the site. A nearby individual factor value of 1 is assigned (see Attachment B).
- Approximately 2,538 people reside within a 1 mile travel distance of the site as follows (see Attachment B):

Distance Ring	Population	Distance Weighted Population Value			
0 to 0.25 mile	557	13			
0.25 to 0.5 mile 1,392 0.5 to 1 mile 589		20 3			

Air Migration Pathway:

- An observed release to the air migration pathway is not assumed. Targets are subject to potential contamination.
- The highest gas containment factor value assigned to a source at the site is 10, the highest gas source type factor value is 19 (i.e., for contaminated soil), and the highest gas migration potential factor value is 17 (i.e., for methylene chloride). Combining these values generates a gas potential to release value of 360 (i.e, 10 x [19 + 17]).
- The highest particulate containment factor value assigned to a source at the site is 10; the highest particulate source type factor value is 22 (i.e., for contaminated soil), and the highest particulate migration potential factor value is 17 (i.e, for eastern Washington). The particulate potential to release value is 390 (i.e., 10 x [22 + 17]).
- The highest toxicity/mobility factor value that can be assigned is 10,000 based on chromium as the contaminant of concern.
- The nearest resident is located between 0 and 0.25 mile of the site. The nearest individual factor value is 7 (see Attachment B).
- Approximately 3,104 people reside within 4 miles of the site as follows (see Attachment B):

Distance Ring	Population	Distance Weighted Population Value			
0 to 0.25 mile	557	131			
0.25 to 0.5 mile	1,392	88			
0.5 to 1 mile	589	8			
1 to 2 miles	116	0.8			
2 to 3 miles	195	0.4			
3 to 4 miles	255	0.2			
Total distance weighted	population value	$228.4/10 = 22.84 \Rightarrow 23$			

No Federal- and State-listed endangered or threatened species are known to occur within the 4-mile TDL. Wetlands within the 4-mile TDL are present as follows (see Attachment B):

Distance Ring	Wetland (Acres)	Assigned Value	Distance Weight	Distance Weighted Target Value		
0 to 0.25 mile	0	0	0.25	0		
0.25 to 0.5 mile	0	0	0.054	0		
0.5 to 1 mile	0.8	0	0.016	0		
1 to 2 miles	148.4	125	0.0051	0.6375		
2 to 3 miles	200.7	250	0.0023	0.575		
3 to 4 miles	242.8	250	0.0014	0.35		
Total TDL distanc	e weighted target	1.5625/10 = 0.15625				

If you have any questions regarding this memorandum or its assumptions, please contact me at 206-624-9537.

**** CONFIDENTIAL ****

****PRE-DECISIONAL DOCUMENT **** **** SUMMARY SCORESHEET ****

**** FOR COMPUTING PROJECTED HRS SCORE

**** Do Not Cite or Quote ****

Site Name: Larson AFB Titan Missile Facility S-2

Region: 10

City, County, State: Warden, Grant wa

Evaluator: L. Costello

EPA ID#: F10WA035000

Date: 1/24/2006

Lat/Long: 46o 54.93"/119o 03.17"

T/R/S: T17N/R30E/Section 33

Congressional District: 4

This Scoresheet is for: PA

Scenario Name:

Description: The site is a former Titan I intercontinental ballistic missile facility that was operated by the United States Air Force from 1962 to 1966. Hazardous substances used, stored, or disposed at the site during the period of military operation include diesel oil, RP-1 fuel (kerosene), lubrication oil, hydraulic fluid, solvents, de-greasers, transformer fluids containing polychlorinated biphenyls, nickel-cadmium batteries, sulfuric acid, liquid oxygen, nitrogen, and helium. Also, lead-based paint and waste oils may have been used or disposed at the site,

In the 1970s, the site was used by a subsequent land owner for liquid manure and chemical fertilizer storage. Further, a methanol plant was constructed at the site and used for a short period of time.

	S pathway	S ² pathway
Ground Water Migration Pathway Score (Sgw)	0	0
Surface Water Migration Pathway Score (S _{sw})	0.1	0.01
Soil Exposure Pathway Score (S _s)	0.01	0.0001
Air Migration Score (S _a)	2.99179636363636	8.95084548146775
$S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2$		8.96094548146775
$(S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2)/4$		2.24023637036694
$\sqrt{(S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2)/4}$		1.5

^{*} Pathways not assigned a score (explain):

TABLE 3-1 GROUND WATER MIGRATION PATHWA	Y SCORESHEET	*	120
Factor categories and factors	Maximum Value	Value A	ssigned
Aquifer Evaluated:			
Likelihood of Release to an Aquifer:			
1. Observed Release	550	550	
2. Potential to Release:			
2a. Containment	10	10	
2b. Net Precipitation	10	1	
2c. Depth to Aquifer	5	3	
2d. Travel Time	35	5	
2e. Potential to Release [lines 2a(2b + 2c + 2d)]	500	90	
3. Likelihood of Release (higher of lines 1 and 2e)	550		550
Waste Characteristics:			
4. Toxicity/Mobility	(a)	100	
5. Hazardous Waste Quantity	(a)		
6. Waste Characteristics	100		0
Targets:			
7. Nearest Well	(b)	9	
8. Population:			
8a. Level I Concentrations	(b)		
8b. Level II Concentrations	(b)		
8c. Potential Conamination	(b)	53	
8d. Population (lines 8a + 8b + 8c)	(b)	53	
9. Resources	5	5	
10. Wellhead Protection Area	. 20	20	
11. Targets (lines 7 + 8d + 9 + 10)	(b)		87
Ground Water Migration Score for an Aquifer:			
12. Aquifer Score [(lines 3 x 6 x 11)/82,5000] ^c	100		0.00
Ground Water Migration Pathway Score:			
13. Pathway Score (S _{ow}), (highest value from line 12 for all aquifers evalueated) ^c	100		0.00

a Maximum value applies to waste characteristcs category
b Maximum value not applicable
c Do not round to nearest integer

Table 4-1 Surface Water Overland/FLOOD Migration Compone Factor categories and factors	Maximum	Value Assigned	
r actor categories and factors	Value	value A.	ssigned
Watershed Evaluated:		The second	Walter III
Drinking Water Threat			
Likelihood of Release:			
1. Observed Release	550	0	
2. Potential to Release by Overland Flow:			
2a. Containment	10	10	
2b. Runoff	10	0	
2c. Distance to Surface Water	5	9	
2d. Potential to Release by Overland Flow [lines 2a(2b + 2c)]	35	90	
3.Potential to Release by Flood:		and Ref.	
3a. Containment (Flood)	10	0	
3b. Flood Frequency	50	0	
3c. Potential to Release by Flood (lines 3a x 3b)	500	0	
4. Potential to Release (lines 2d + 3c, subject to a maximum of 500)	500	90	
5. Likelihood of Release (higher of lines 1 and 4)	550		90
Vaste Characteristics:			
6. Toxicity/Persistence	(a)	10000	
7. Hazardous Waste Quantity	(a)	10	
8. Waste Characteristics	100		18
argets:			
9. Nearest Intake	50	0	
10. Population:			
10a. Level I Concentrations	(b)		
10b. Level II Concentrations	(b)		
10c. Potential Contamination	(b)		
10d. Population (lines 10a + 10b + 10c)	(b)		
11. Resources	5	5	
12. Targets (lines 9 + 10d + 11)	(b)		5
Orinking Water Threat Score:			
13. Drinking Water Threat Score [(lines 5x8x12)/82,500, subject to a max of 100]	100		0.1
Human Food Chain Threat			
ikelihood of Release:			
14. Likelihood of Release (same value as line 5)	550		90
Vaste Characteristics:			
15. Toxicity/Persistence/Bioaccumulation	(a)	5000000	
16. Hazardous Waste Quantity	(a)	10	
17. Waste Characteristics	1000		56
argets:	1000		00
18. Food Chain Individual	50	0	
19. Population	00		
19a. Level I Concentration	(b)		
19b. Level II Concentration	(b)		
19c. Potential Human Food Chain Contamination	(b)	0	
19d. Population (lines 19a + 19b + 19c)	(b)	0	
20. Targets (lines 18 + 19d)	(b)		0
luman Food Chain Threat Score:	(~)		
21. Human Food Chain Threat Score [(lines 14x17x20)/82500, subject to max of 100]	100		0
Environmental Threat	100		O
ikelihood of Release:			
22. Likelihood of Release (same value as line 5)	550		90
			90

.

23. Ecosystem Toxicity/Persistence/Bioaccumulation	(a)	5000000	. •
24. Hazardous Waste Quantity	(a)	10	
25. Waste Characteristics	1000		56
Targets:			
26. Sensitive Environments			
26a. Level I Concentrations	(b)		
26b. Level II Concentrations	(b)		
26c. Potential Contamination	(b)	0	
26d. Sensitive Environments (lines 26a + 26b + 26c)	(b)	0	
27. Targets (value from line 26d)	(b)		0
Environmental Threat Score:			
28. Environmental Threat Score [(lines 22x25x27)/82,500 subject to a max of 60]	60		, 0
Surface Water Overland/Flood Migration Component Score for a Watershed			
29. Watershed Score ^c (lines 13+21+28, subject to a max of 100)	100		0.1
Surface Water Overland/Flood Migration Component Score			
30. Component Score (S _{sw}) ^c (highest score from line 29 for all watersheds evaluated)	100	1.689	0.1

 ^a Maximum value applies to waste characteristics category
 ^b Maximum value not applicable
 ^c Do not round to nearest integer

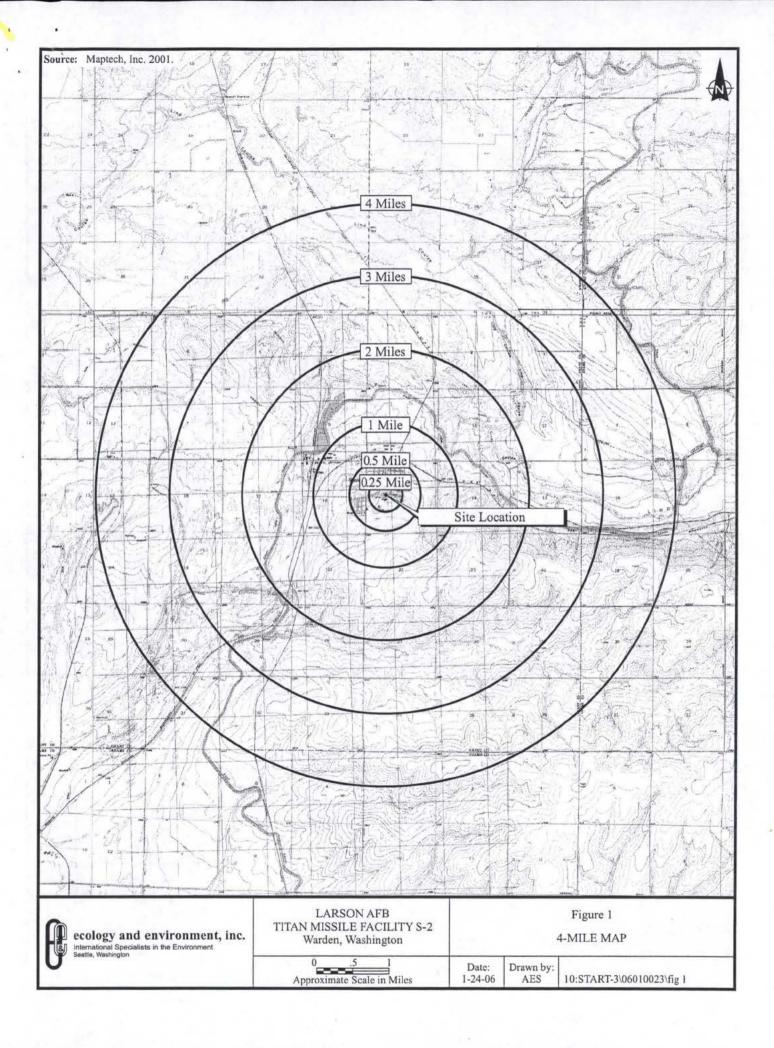
TABLE 5-1 SOIL EXPOSURE PATHY	VAY SCORESHEET		
Factor categories and factors	Maximum Value	Value /	Assigned
Likelihood of Exposure:			
1. Likelihood of Exposure	550		550
Waste Characteristics:			
2. Toxicity	(a)	10000	
3. Hazardous Waste Quantity	(a)	10	
4. Waste Characteristics	100		18
Targets:			
5. Resident Individual	50	0	
6. Resident Population:			
6a. Level I Concentrations	(b)	0	
6b. Level II Concentrations	(b)	0	
6c. Population (lines 6a + 6b)	(b)	0	
7. Workers	15	0	
8. Resources	5	0	
9. Terrestrial Sensitive Environments	(c)	0	
10. Targets (lines 5 + 6c + 7 + 8 + 9)	(b)		0
Resident Population Threat Score			
11. Resident Population Threat Score (lines 1 x 4 x 10)	(b)		0
Nearby Population Threat			
Likelihood of Exposure:			
12. Attractiveness/Accessibility	100	10	
13. Area of Contamination	100	20	
14. Likelihood of Exposure	500		5
Waste Characteristics:			
15. Toxicity	(a)	10000	
16. Hazardous Waste Quantity	(a)	10	
17. Waste Characteristics	100		18
Targets:			
18. Nearby Individual	1	1	
19. Population Within 1 Mile	(b)	4	
20. Targets (lines 18 + 19)	(b)		5
Nearby Population Threat Score			
21. Nearby Population Threat (lines 14 x 17 x 20)	(b)		450
Soil Exposure Pathway Score:	X-7		
22. Pathway Score ^d (S _s), [lines (11+21)/82,500, subject to max of 100]	100		0.01

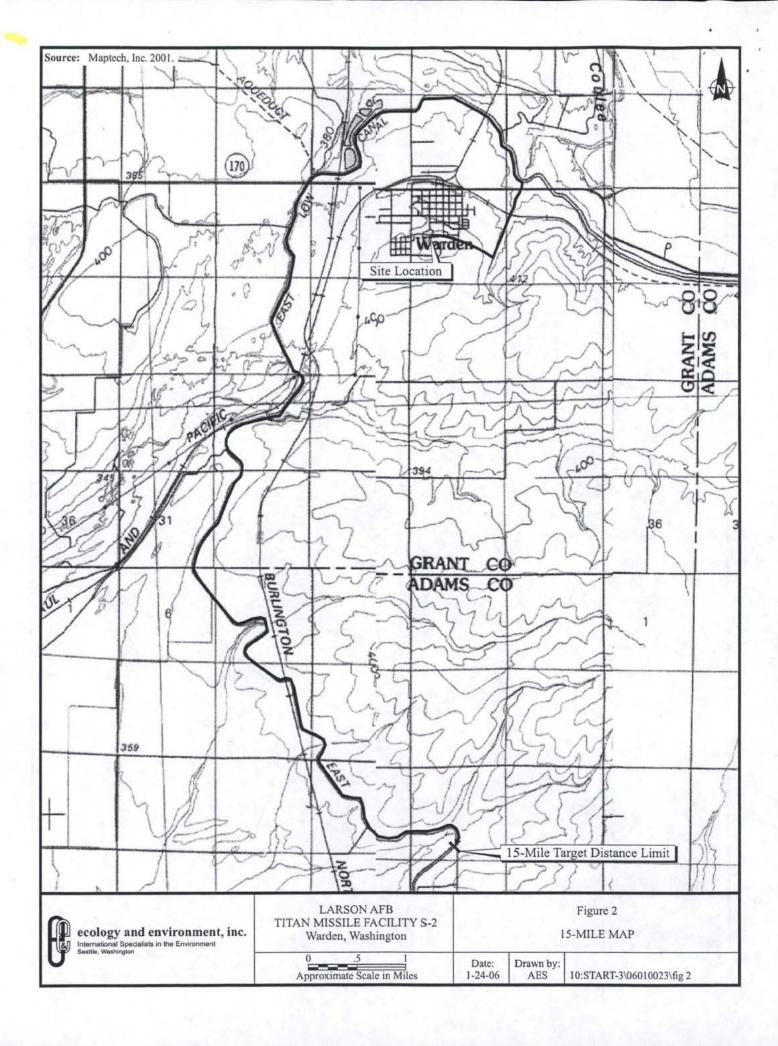
a Maximum value applies to waste characteristics category
b Maximum value not applicable
c No specific maximum value applies to factor. However, pathway score based solely on terrestrial sensitive environments is limited to a maximum of 60
d Do not round to nearest integer

Table 6-1 Air Migration	N PATHWAY SCORESHEET			
Factor categories and factors	Maximum Value	Value Assigned		
Likelihood of Release:				
1. Observed Release	550	0		
2. Potential to Release:				
2a. Gas Potential to Release	500	360		
2b. Particulate Potential to Release	500	390		
2c. Potential to Release (higher of lines 2a and 2b)	500	390		
3. Likelihood of Release (higher of lines 1 and 2c)	550		390	
Waste Characteristics:				
4. Toxicity/Mobility	(a)	10000		
5. Hazardous Waste Quantity	(a)	10		
6. Waste Characteristics	100		18	
Targets:				
7. Nearest Individual	50	7		
8. Population:				
8a. Level I Concentrations	(b)			
8b. Level II Concentrations	(b)			
8c. Potential Contamination	(c)	23		
8d. Population (lines 8a + 8b + 8c)	(b)	23		
9. Resources	5	5		
10. Sensitive Environments:				
10a. Actual Contamination	(c)			
10b. Potential Contamination	(c)	0.15625		
10c. Sensitive Environments (lines 10a + 10b)	(c)	0.16		
11. Targets (lines 7 + 8d + 9 + 10c)	(b)		35.16	
Air Migration Pathway Score:				
12. Pathway Score (S _a) [(lines 3 x 6 x 11)/82,500] ^d	100		2.99	

a Maximum value applies to waste characteristics category
b Maximum value not applicable
cNo specific maximum value applies to factor. However, pathway score based solely on sensitive environments is limited to a maximum of 60.
d Do not round to nearest integer

FIGURES





ATTACHMENT A

LARSON AFB TITAN MISSILE FACILITY S-2 GROUNDWATER WELL SUMMARY

Distance Ring	Number of Wells (a)
0 - ½ mile	0
1/4 - 1/2 mile	0
½ - 1 mile	3 municipal wells (2,565 people total)
1 - 2 miles	8 (23.36 people)
2 - 3 miles	24 (70.08 people)
3 - 4 miles	22 (64.24 people)

 $^{^{\}rm a}$ - Domestic well populations are based on the average number of person per household for Grant County of 2.92 people.

HRS MUNICIPAL WELL CONTACT REPORT

Person contacted Title				Phone number											
Mike Tl	nompson			City Administrator			509-349-2033					509-349-2033			
Agency	/affiliation: (City of Ward	en			Departm	ent:			4 - 4 -					
Contact	ed by: Renee	e Nordeen						How							
Date: J	anuary 3, 20	06				Time: 09	30								
Site nar	ne: Larson A	Air Force Ba	se Titan Miss	sile Facility	S-2										
TDD/P	AN:				24										
How ma	any wells are	in the system	m? 4						1.3						
SO1	SO2	SO3	SO4	7	Carlotte Carlotte		14								
Pumpin	g capacity of	f each well?	Pumping cap	pacity is in	gallons per	minute									
1200	1500	1200	backup												
Are the	y blended, or	do they ser	ve separate co	ommunities	? The well	s are blende	d.								
How ma	any people d	oes each sys	tem serve? 2,	565 people			2			* vf 32					
Can you	ı provide a n	nap depicting	g well locatio	ns? Map a	attached										
Are the	wells curren	tly sampled?	Yes			How ofte	en?								
Is the da	ata available	? Data has n	ot been publi	shed yet.			No. All								
Are the	re any stand-	by wells? Yo	es							-3 73	4				
Are star	nd-by wells u	ised for drin	king water at	least once	a year? Yes	S									
Are star	nd-by wells i	naintained o	n a regular ba	asis so that	water can b	e withdrawn	? Yes								
Are you	unable to u	se any of the	wells? Two	of the well	s are curren	tly being de	commission	ned due to E	DB contan	nination.					
Are the	y unusable b	ecause of co	ntamination?	Yes (1 bed	cause of cor	ntamination	and 1 too si	mall)							
What co	ontaminants	EDB						346.20		7.					
What ac	quifer is each	well drawin	ng from? We	lls SO1 and	SO2 from	Wanapum a	and SO3 fro	m both War	napum and	Grande Rone	de				
Are any	of the wells	located in a	well head pr	otection are	ea? Yes		Which ones	? All of the	wells.						
				Part of the same of	The state of	1 - Y			100						

Well No. 2 is a monitoring well. Well No. 3 is being decommissioned because it is too small. Well No. 4 (SO1) is being decommissioned because of EDB contamination. Well No. 5 (SO2) is contaminated with EDB, City is attempting to save the well. Well No. 6 (SO3) shows no signs of contamination. Well No. 7 & has recently been drilled and it not on-line with the city at this time.

Two potato processing plants in the city use between 1.2 and 1.5 million gallons of water per day from the wells.

Wells SO1 and SO2 are drawn from the Wanapum aquifer and well SO3 is drawn from a combination of the Wanapum and Grande Ronde aquifers.

JAN 03 2006 11:11





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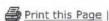
TEXT SEARCH RESULTS

Back ...

New Search

- Search Criteria Used: Township: 17, Range: 29E, Section(s): (, 12, 13, 24), Well Log Type: Water Well Logs Only
- . There are 3 well logs that match your search criteria.
- · The results are sorted by Township-Range-Section.

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Displaying 1 - 3 of 3 well log results

Sort results by: Township-Range-Section

WSDOT - { view PDF [view TIFF [] }

Public Land Survey: SW, NE, S-13, T-17-N, R-29-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: SR 17

Well Log ID: 160045, Well Tag ID: (blank), Notice of Intent Number: 027224

Well Diameter: 8 (inches), Well Depth: (blank)

Well Type: Water, Well Completion Date: 10/24/1990, Well Log Received Date: 11/20/1990

- { view PDF 🐧 | view TIFF 🚳 }

Public Land Survey: NE, SW, S-13, T-17-N, R-29-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 159015, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 8 (inches), Well Depth: 225 (feet)

Well Type: Water, Well Completion Date: 5/23/1983, Well Log Received Date: 6/2/1983

(b) (6) - { view PDF [view TIFF] }

Public Land Survey: NE, NW, S-24, T-17-N, R-29-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

3-4 Well Log ID: 151455, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 8 (inches), Well Depth: 210 (feet)

Well Type: Water, Well Completion Date: 12/6/1976, Well Log Received Date: (blank)

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TEXT SEARCH RESULTS

New Search Back ...

- Search Criteria Used: Township: 18, Ranger 30E, Section(s): (, 26, 27, 28, 31, 32, 33, 34, 35, 36), Well Log Type: Water Well Logs Only
- There are 18 well logs that match your search criteria.
- The results are sorted by Township-Range-Section.

🔯 Download all 18 Images | 🧻 Download all 18 Records | 🚔 Print this Page | 🚱 Help







Displaying 1 - 18 of 18 well log results

Sort results by: Township-Range-Section

-{ view PDF [view TIFF [] }

Public Land Survey: SW, NE, S-26, T-18-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 173113, Well Tag ID: (blank), Notice of Intent Number: 047225

Well Diameter: 10 (inches), Well Depth: 206 (feet)

Well Type: Water, Well Completion Date: 5/15/1996, Well Log Received Date: (blank)

(b) (6) - { view PDF A | view TIFF @ } 2.

Public Land Survey: SE, SE, S-26, T-18-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 165172, Well Tag ID: (blank), Notice of Intent Number: 031392

Well Diameter: 6 (inches), Well Depth: 142 (feet)

Well Type: Water, Well Completion Date: 9/14/1990, Well Log Received Date: (blank)

(b) (6) -{ view PDF [view TIFF [] }

Public Land Survey: SE, SW, S-26, T-18-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 173114, Well Tag ID: (blank), Notice of Intent Number: 047226

Well Diameter: 10 (inches), Well Depth: 176 (feet)

Well Type: Water, Well Completion Date: 5/15/1996, Well Log Received Date: (blank)

(b) (6) - { view PDF [A] | view TIFF [6] }

Public Land Survey: NE, SE, S-31, T-18-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 253748, Well Tag ID: ACR593, Notice of Intent Number: W120520

Well Diameter: 6 (inches), Well Depth: 199 (feet)

Well Type: Water, Well Completion Date: 6/23/2000, Well Log Received Date: (blank)

(b) (6) - { view PDF | view TIFF | }

Public Land Survey: SE, SE, S-31, T-18-N, R-30-E, Tax Parcel Number: 181179000

County: GRANT, Well Address: 5284 RD S SE, WARDEN 98857

Well Log ID: 384831, Well Tag ID: AHC674, Notice of Intent Number: WE02367 5-4

Well Diameter: 6 (inches), Well Depth: 127 (feet)

Well Type: Water, Well Completion Date: 7/6/2004, Well Log Received Date: 8/23/2004

(b) (6) - { view PDF | view TIFF | }

Public Land Survey: (blank), NW, S-32, T-18-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank) 3-4

Well Log ID: 169938, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 210 (feet)
Well Type: Water, Well Completion Date: 4/25/1979, Well Log Received Date: (blank)

7. (b) (6) - { view PDF A | view TIFF }
Public Land Survey: NE, NW, S-32, T-18-N, R-30-E, Tax Parcel Number: (blank)
County: GRANT, Well Address: (blank)

Well Log ID: 175796, Well Tag ID: ACC183, Notice of Intent Number: W071852
Well Diameter: 6 (inches), Well Depth: 202 (feet)
Well Type: Water, Well Completion Date: 8/12/1996, Well Log Received Date: (blank)

Well Log ID: 172733, Well Tag ID: (blank), Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 225 (feet)
Well Type: Water, Well Completion Date: 4/30/1979, Well Log Received Date: (blank)

9. (b) (6) - { view PDF A | view TIFF }
Public Land Survey: NW, SE, S-32, T-18-N, R-30-E, Tax Parcel Number: (blank)
County: GRANT, Well Address: (blank)

Well Log ID: 163629, Well Tag ID: (blank), Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 198 (feet)
Well Type: Water, Well Completion Date: 12/14/1983, Well Log Received Date: 1/16/1984

10. (b) (6) - { view PDF A | view TIFF }
Public Land Survey: SE, SE, S-32, T-18-N, R-30-E, Tax Parcel Number: (blank)
County: GRANT, Well Address: (blank)

Well Log ID: 166304, Well Tag ID: (blank), Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 120 (feet)
Well Type: Water Well Completion Date: 1/27/1988, Well Log Received Date: 2/2

Well Type: Water, Well Completion Date: 1/27/1988, Well Log Received Date: 2/2/1988

11. (b) (6) - { view PDF A | view TIFF }
Public Land Survey: SW, SE, S-32, T-18-N, R-30-E, Tax Parcel Number: (blank)
County: GRANT, Well Address: (blank)
Well Log ID: 164681, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 205 (feet)
Well Type: Water, Well Completion Date: 7/30/1982, Well Log Received Date: (blank)

12. (b) (6) - { view PDF A | view TIFF } }
PUDIIC Land Survey: NW, SW, S-32, T-18-N, R-30-E, Tax Parcel Number: (blank)
County: GRANT, Well Address: 2065 5.5 SE, WARDEN, 98857
Well Log ID: 353378, Well Tag ID: AHC644, Notice of Intent Number: W159826

Well Diameter: 6 (inches), Well Depth: 160 (feet)
Well Type: Water, Well Completion Date: 1/30/2003, Well Log Received Date: 2/5/2003

13. (b) (6) - { view PDF A | view TIFF 3 }
Public Land Survey: (blank), NE, S-33, T-18-N, R-30-E, Tax Parcel Number: (blank)
County: GRANT, Well Address: (blank)

Well Log ID: 166145, Well Tag ID: (blank), Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 140 (feet)
Well Type: Water, Well Completion Date: 8/1/1974, Well Log Received Date: (blank)

(b) (6) - { view PDF | | view TIFF | | Public Land Survey: (blank), NE, S-33, T-18-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 171262, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 8 (inches), Well Depth: 155 (feet) Well Type: Water, Well Completion Date: 1/18/1951, Well Log Received Date: (blank)

15. (b) (6) -{ view PDF [A] | view TIFF [a] }

Public Land Survey: SW, SW, S-34, T-18-N, R-30-E, Tax Parcel Number: 191249000

County: GRANT, Well Address: 1148 WEST CALLOWAY RD, WARDEN 98857

Well-Log ID: 411709, Well Tag ID: AKO826, Notice of Intent Number: WE03802 Well Diameter: 8 (inches), Well Depth: 387 (feet) Well Type: Water, Well Completion Date: 7/6/2005, Well Log Received Date: 7/11/2005

- { view PDF [view TIFF] }

Public Land Survey: NE, NE, S-36, T-18-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

3 -4 Well Log ID: 172107, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 180 (feet)

Well Type: Water, Well Completion Date: 4/29/1976, Well Log Received Date: (blank)

-{ view PDF A | view TIFF @ }

Public Land Survey: NW, NE, S-36, T-18-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

3-4 Well Log ID: 171115, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 185 (feet)

Well Type: Water, Well Completion Date: 9/22/1980, Well Log Received Date: (blank)

COURTRIGHT CATTLE CO. - { view PDF 🚺 | view TIFF 🚳 }

Public Land Survey: SW, SW, S-36, T-18-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 164860, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 8 (inches), Well Depth: 265 (feet)

Well Type: Water, Well Completion Date: 6/22/1979, Well Log Received Date: (blank)

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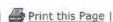
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TEXT SEARCH RESULTS

New Search ⊐ Back ...

- Search Criteria Used: Township: 17, Range: 30E, Section(s): (01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36), Well Log Type: Water Well Logs Only
- There are 60 well logs that match your search criteria.
- The results are sorted by Township-Range-Section.

🔯 Download all 60 Images | 🧻 Download all 60 Records | 🗁 Print this Page | 🔗 Help





Displaying 1 - 60 of 60 well log results

Sort results by: Township-Range-Section

-{ view PDF [view TIFF [] } (b) (6)

Public Land Survey: SW, NE, S-01, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

2-3 Well Log ID: 161630, Well Tag ID: ACC169, Notice of Intent Number: W059388 Well Diameter: 6 (inches), Well Depth: 340 (feet)

Well Type: Water, Well Completion Date: 2/22/1996, Well Log Received Date: (blank)

(b)(6)- { view PDF [view TIFF] }

Public Land Survey: SW, SE, S-02, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 159976, Well Tag ID: (blank) , Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 95 (feet)

Well Type: Water, Well Completion Date: 3/24/1977, Well Log Received Date: (blank)

(b) (6) - { view PDF A | view TIFF () }

Public Land Survey: SW, SE, S-02, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 292789, Well Tag ID: (blank) , Notice of Intent Number: (blank)

Well Diameter: 10 (inches), Well Depth: 255 (feet)

Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank)

(b) (6) - { view PDF [view TIFF] }

Public Land Survey: NE, NE, S-03, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

2-3 Well Log ID: 161171, Well Tag ID: ABP853, Notice of Intent Number: W021036

Well Diameter: 6 (inches), Well Depth: 190 (feet)

Well Type: Water, Well Completion Date: 12/22/1994, Well Log Received Date: (blank)

5. **(b) (6)** - { view PDF 🔼 | view TIFF 🚳 }

Public Land Survey: NW, SW, S-03, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 154019, Well Tag ID: (blank) , Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 180 (feet)

Well Type: Water, Well Completion Date: 7/9/1974, Well Log Received Date: 9/12/1974

- { view PDF 🔊 | view TIFF 🚳 }

Public Land Survey: SW, SW, S-03, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (b) (6)

Well Log ID: 162322, Well Tag ID: ACW212, Notice of Intent Number: W091668

Well Diameter: 6 (inches), Well Depth: (blank) Well Type: Water, Well Completion Date: 8/26/1997, Well Log Received Date: (blank)

- { view PDF | view TIFF | } Public Land Survey: (blank), NE, S-04, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (b) (6)

Well Log ID: 161060, Well Tag ID: ABM411, Notice of Intent Number: W045449

Well Diameter: 6 (inches), Well Depth: 209 (feet)

Well Type: Water, Well Completion Date: 6/8/1994, Well Log Received Date: 6/14/1994

8. **(b) (6)** -{ view PDF | view TIFF | } Public Land Survey: NE, NE, S-04, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: WARDEN RD

Well Log ID: 156220, Well Tag ID: (blank), Notice of Intent Number: 059253 Well Diameter: 8 (inches), Well Depth: 210 (feet)

Well Type: Water, Well Completion Date: 10/1/1992, Well Log Received Date: 2/26/1993

- { view PDF A | view TIFF (a) } 9. (b) (6) Public Land Survey: NE, SE, S-04, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 161903, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 242 (feet)

Well Type: Water, Well Completion Date: 9/13/1996, Well Log Received Date: (blank)

- { view PDF A | view TIFF @ } 10. (b) (6) Public Land Survey: NE, SE, S-04, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank)

Well Log ID: 161906, Well Tag ID: ACK728, Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 242 (feet)

Well Type: Water, Well Completion Date: 9/13/1996, Well Log Received Date: (blank)

- { view PDF | view TIFF | } Public Land Survey: NE, NE, S-05, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (b) (6)

Well Log ID: 254239, Well Tag ID: (blank), Notice of Intent Number: (blank) 2 - 3 Well Diameter: 6 (inches), Well Depth: 115 (feet)

Well Type: Water, Well Completion Date: 6/25/1999, Well Log Received Date: 7/12/1999

12. (b) (6) - { view PDF 🔥 | view TIFF 🚳 } Public Land Survey: NE, NE, S-05, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: 19897 RD 6 SE WARDEN 98857 -3 Well Log ID: 308441, Well Tag ID: AEH461, Notice of Intent Number: W110813 Well Diameter: (blank), Well Depth: 115 (feet)

Well Type: Water, Well Completion Date: 6/25/1999, Well Log Received Date: 7/12/1999

- { view PDF A | view TIFF () Public Land Survey: SW, SW, S-05, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank)

Well Log ID: 156271, Well Tag ID: (blank), Notice of Intent Number: W081401 Well Diameter: 6 (inches), Well Depth: 170 (feet)

Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank)

14. (b) (6) - { view PDF | view TIFF | } Public Land Survey: SW, SW, S-05, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank)

Well Log ID: 159239, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 6 (inches), Well Depth: 160 (feet)

Well Type: Water, Well Completion Date: 10/31/1974, Well Log Received Date: 12/16/1974

(b) (6) - { view PDF 🚺 | view TIFF 🚳 }

Public Land Survey: NE, NE, S-06, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (b) (6)

- - Well Log ID: 161708, Well Tag ID: ACC790, Notice of Intent Number: W080420 Well Diameter: 6 (inches), Well Depth: 262 (feet)
 - Well Type: Water, Well Completion Date: 4/17/1996, Well Log Received Date: (blank)
 - { view PDF 🚺 | view TIFF 📸 } Public Land Survey: NW, NW, S-07, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank) Well Log ID: 153499, Well Tag ID: (blank), Notice of Intent Number: 057980

-4 Well Diameter: 6 (inches), Well Depth: (blank)

Well Type: Water, Well Completion Date: 4/1/1992, Well Log Received Date: 5/13/1992

- { view PDF [A] | view TIFF [6] }

Public Land Survey: SW, SE, S-08, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 161115, Well Tag ID: ABO704, Notice of Intent Number: W027966

Well Diameter: 6 (inches), Well Depth: 105 (feet)

Well Type: Water, Well Completion Date: 2/24/1994, Well Log Received Date: (blank)

18. **(b) (6)** - { view PDF [A] | view TIFF [a] }

Public Land Survey: NW, NW, S-09, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: WARDEN

Well Log ID: 329055, Well Tag ID: AGG670, Notice of Intent Number: W160311

Well Diameter: 6 (inches), Well Depth: 220 (feet)

Well Type: Water, Well Completion Date: 3/11/2002, Well Log Received Date: 3/13/2002

19. TOWN OF WARDEN, WASHINGTON - { view PDF 🔼 | view TIFF 📸 }

Public Land Survey: (blank), SW, S-09, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 293222, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 12 (inches), Well Depth: 319 (feet)

- Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank)
- 20. TOWN OF WARDEN { view PDF | view TIFF | view TIF

Public Land Survey: (blank), (blank), S-10, T-17-N, R-30-E, Tax Parcel Number: (blank)

- County: GRANT, Well Address: (blank)
 - Well Log ID: 159741, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 15 (inches), Well Depth: 830 (feet)

- Well Type: Water, Well Completion Date: 4/4/1979, Well Log Received Date: (blank)
 - 21. TOWN OF WARDEN, WASHINGTON { view PDF 🔼 | view TIFF 📸 }

Public Land Survey: (blank), (blank), S-10, T-17-N, R-30-E, Tax Parcel Number: (blank)

I - 2 County: GRANT, Well Address: (blank)
Well Log ID: 159743, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: (blank), Well Depth: (blank)

- Well Type: Water, Well Completion Date: 8/5/1953, Well Log Received Date: (blank)
- 22. TOWN OF WARDEN, WASHINGTON { view PDF 🔼 | view TIFF 🚳 }

Public Land Survey: (blank), (blank), S-10, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 159744, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 10 (inches), Well Depth: 685 (feet)

Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank)

23. TOWN OF WARDEN - { view PDF 🚺 | view TIFF 📸 }

Public Land Survey: (blank), (blank), S-10, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 293220, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: (blank), Well Depth: (blank)

Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank)

- CHICAGO, MILWAUKEE, ST. P. PAC. R.R. { view PDF [4] | view TIFF [2] } Public Land Survey: SE, SW, S-10, T-17-N, R-30-E, Tax Parcel Number: (blank)
- http://apps.ecy.wa.gov/welllog/scripts/textresults1.asp?township=17&range=30E§ion=06§ion=... 12/28/2005

County: GRANT, Well Address: (blank)

Well Log ID: 150559, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 10 (inches), Well Depth: 448 (feet)

Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank)

25. (b) (6) - { view PDF [] | view TIFF [] }

Public Land Survey: NW, NW, S-11, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 161631, Well Tag ID: ACC182, Notice of Intent Number: W070926

Well Diameter: 6 (inches), Well Depth: 220 (feet)

Well Type: Water, Well Completion Date: 7/30/1996, Well Log Received Date: 8/14/1996

26. **(b) (6)** { view PDF 🚺 | view TIFF 🚳 }

Public Land Survey: NW, SE, S-11, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 162152, Well Tag ID: ACR526, Notice of Intent Number: W071871

Well Diameter: 8 (inches), Well Depth: 200 (feet)

Well Type: Water, Well Completion Date: 12/13/1997, Well Log Received Date: (blank)

- { view PDF [view TIFF [] } 27. (b) (6)

Public Land Survey: SE, SE, S-11, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 153830, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 160 (feet)

Well Type: Water, Well Completion Date: 4/28/1975, Well Log Received Date: (blank)

(b) (6) - { view PDF A | view TIFF () }

Public Land Survey: SE, NE, S-12, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 152105, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 8 (inches), Well Depth: 350 (feet)

Well Type: Water, Well Completion Date: 5/15/1953, Well Log Received Date: (blank)

- { view PDF [] | view TIFF [] } (b)(6)

Public Land Survey: (blank), SW, S-12, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 151871, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 160 (feet)

Well Type: Water, Well Completion Date: 4/4/1977, Well Log Received Date: (blank)

| SBS FARM - { view PDF | view TIFF | | | | (b) (6)

Public Land Survey: SE, SW, S-12, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 162159, Well Tag ID: ACR549, Notice of Intent Number: W100718

Well Diameter: 6 (inches), Well Depth: 200 (feet)

Well Type: Water, Well Completion Date: 10/26/1998, Well Log Received Date: 2/25/1999

- { view PDF 🔼 | view TIFF 🔯 }

Public Land Survey: SE, SW, S-12, T-17-N, R-30-E, Tax Parcel Number: 18-1052-000

County: GRANT, Well Address: (b) (6)

Well Log ID: 380608, Well Tag ID: AHCOOK, NOTICE OF INTERIT NUMBER: W159850

Well Diameter: 6 (inches), Well Depth: 290 (feet)

Well Type: Water, Well Completion Date: 3/30/2004, Well Log Received Date: 5/12/2004

(b)(6)view PDF | view TIFF () 32.

Public Land Survey: NE, NE, S-13, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (b) (6)

2-3 Well Log ID: 161066, Well Tag ID: ABM490, Notice of Intent Number: W059933

Well Diameter: 6 (inches), Well Depth: 238 (feet)

Well Type: Water, Well Completion Date: 6/20/1995, Well Log Received Date: (blank)

(b) (6) - { view PDF | view TIFF | }

Public Land Survey: NE, SE, S-13, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 162163, Well Tag ID: ACR554, Notice of Intent Number: W100724 Well Diameter: 6 (inches), Well Depth: 140 (feet) Well Type: Water, Well Completion Date: 12/7/1998, Well Log Received Date: (blank) 34. (b) (6) - { view PDF [view TIFF] } Public Land Survey: NE, SW, S-13, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: Lind Warden RD Warden 98857 3 Well Log ID: 341565, Well Tag ID: AAO700, Notice of Intent Number: W059114 Well Diameter: 6 (inches), Well Depth: 205 (feet) Well Type: Water, Well Completion Date: 5/8/1995, Well Log Received Date: 5/10/1995 35. (b) (6) - { view PDF | view TIFF | | | Public Land Survey: SE, NE, S-14, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 161633, Well Tag ID: ACC200, Notice of Intent Number: W070943 Well Diameter: 6 (inches), Well Depth: 100 (feet) Well Type: Water, Well Completion Date: 3/25/1997, Well Log Received Date: (blank) 36. TOWN OF WARDEN, WASHINGTON - { view PDF [view TIFF]] Public Land Survey: NE, NW, S-15, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 159745, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 6 (inches), Well Depth: 375 (feet) Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank) 37. TOWN OF WARDEN - { view PDF [view TIFF [] } Public Land Survey: NW, NW, S-16, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 293221, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 16 (inches), Well Depth: 368 (feet) Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank)

38€ - { view PDF A | view TIFF () }

Public Land Survey: NE, SE, S-16, T-17-N, R-30-E, Tax Parcel Number: (blank)

County: GRANT, Well Address: (blank)

Well Log ID: 152267, Well Tag ID: (blank), Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 415 (feet)

Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank)

- { view PDF 🐧 | view TIFF 🚳 } Public Land Survey: SW, (blank), S-17, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank)

Well Log ID: 158156, Well Tag ID: (blank), Notice of Intent Number: (blank) - 3 Well Diameter: 6 (inches), Well Depth: 240 (feet)

Well Type: Water, Well Completion Date: 8/28/1979, Well Log Received Date: (blank)

40. ODESSA IRR. - { view PDF | view TIFF | Public Land Survey: (blank), SE, S-17, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank)

IR Well Log ID: 157166, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: (blank), Well Depth: 525 (feet)

Well Type: Water, Well Completion Date: (blank), Well Log Received Date: 9/14/1978

(b) (6) -{ view PDF | view TIFF | } Public Land Survey: NW, SW, S-17, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: RD S SE

Well Log ID: 308994, Well Tag ID: AGG179, Notice of Intent Number: W123750 2-3 Well Diameter: 6 (inches), Well Depth: 220 (feet)

Well Type: Water, Well Completion Date: 4/19/2001, Well Log Received Date: 5/30/2001

- { view PDF A | view TIFF () } Public Land Survey: (blank), (blank), S-18, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 156048, Well Tag ID: (blank), Notice of Intent Number: (blank) -4- Well Diameter: 6 (inches), Well Depth: 300 (feet) Well Type: Water, Well Completion Date: 8/5/1974, Well Log Received Date: 10/30/1974 -{ view PDF | view TIFF | } Public Land Survey: NW, NE, S-18, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 158631, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 6 (inches), Well Depth: 180 (feet) Well Type: Water, Well Completion Date: 9/27/1973, Well Log Received Date: 11/27/1974 (b) (6) - { view PDF | view TIFF | } Public Land Survey: SE, NE, S-18, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 152986, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 6 (inches), Well Depth: 180 (feet) Well Type: Water, Well Completion Date: 2/2/1974, Well Log Received Date: (blank) (b) (6) - { view PDF A | view TIFF () Public Land Survey: NE, NW, S-18, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 149716, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 6 (inches), Well Depth: 200 (feet) Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank) (b) (6) - { view PDF A | view TIFF @ } Public Land Survey: SW, NW, S-18, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 162747, Well Tag ID: ARC538, Notice of Intent Number: W100709 Well Diameter: 6 (inches), Well Depth: 220 (feet) Well Type: Water, Well Completion Date: 7/10/1998, Well Log Received Date: 7/30/1998 (b) (6) - { view PDF 🔼 | view TIFF 🚳 } Public Land Survey: NE, SE, S-18, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: WARDEN Well Log ID: 160820, Well Tag ID: AAO690, Notice of Intent Number: W059105 Well Diameter: 6 (inches), Well Depth: 220 (feet) Well Type: Water, Well Completion Date: 2/3/1995, Well Log Received Date: 3/15/1995

(b)(6)- { view PDF [view TIFF] } Public Land Survey: SW, SW, S-18, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank)

Well Log ID: 151930, Well Tag ID: (blank), Notice of Intent Number: 052123 Well Diameter: 6 (inches), Well Depth: 380 (feet) Well Type: Water, Well Completion Date: 4/26/1990, Well Log Received Date: (blank)

(b) (6) - { view PDF | view TIFF | } Public Land Survey: NW, NW, S-20, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank)

Well Log ID: 162154, Well Tag ID: ACR528, Notice of Intent Number: W071873 Well Diameter: 6 (inches), Well Depth: 218 (feet) Well Type: Water, Well Completion Date: 2/2/1998, Well Log Received Date: 5/7/1998

- { view PDF 🔊 | view TIFF 🚳 } Public Land Survey: SW, SW, S-20, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 153407, Well Tag ID: (blank), Notice of Intent Number: 029902

2-3 Well Diameter: (blank), Well Depth: (blank) Well Type: Water, Well Completion Date: 4/14/1992, Well Log Received Date: (blank)

Well Log-Search Results Page 7 of 8 51. WATKINS FARMS INC. - { view PDF [view TIFF [] } Public Land Survey: NW, SE, S-21, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 161905, Well Tag ID: ACK722, Notice of Intent Number: W080441 1-2 Well Diameter: 6 (inches), Well Depth: 269 (feet) Well Type: Water, Well Completion Date: 8/23/1996, Well Log Received Date: (blank) (b) (6) - { view PDF 🔊 | view TIFF 🚳 } Public Land Survey: SW, SW, S-24, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 151501, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 6 (inches), Well Depth: 330 (feet) Well Type: Water, Well Completion Date: 5/21/1986, Well Log Received Date: 6/2/1986 53. CAMPBELL RANCHES - { view PDF 🚺 | view TIFF 🚳 } Public Land Survey: SW, SW, S-29, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 150265, Well Tag ID: (blank), Notice of Intent Number: W091417 IR Well Diameter: 12 (inches), Well Depth: 805 (feet) Well Type: Water, Well Completion Date: 1/11/1999, Well Log Received Date: (blank) - { view PDF 🔼 | view TIFF 🚳 } (b) (6) Public Land Survey: SW, SW, S-29, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 150741, Well Tag ID: (blank), Notice of Intent Number: (blank) IR Well Diameter: 8 (inches), Well Depth: 780 (feet) Well Type: Water, Well Completion Date: 8/18/1977, Well Log Received Date: (blank) 55. **(b) (6)** FARM - { view PDF | view TIFF | | | Public Land Survey: NW, NW, S-30, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) 5-4. Well Log ID: 158940, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 6 (inches), Well Depth: 300 (feet) Well Type: Water, Well Completion Date: 12/10/1986, Well Log Received Date: 12/22/1986 (b) (6) - { view PDF 🔼 | view TIFF 🚳 } Public Land Survey: SE, NE, S-32, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 150742, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 8 (inches), Well Depth: 552 (feet) Well Type: Water, Well Completion Date: 9/23/1952, Well Log Received Date: (blank) U. S. CORPS OF ENGINEERS - { view PDF | view TIFF | vi Public Land Survey: NW, SE, S-33, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 293262, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 10 (inches), Well Depth: 981 (feet) Well Type: Water, Well Completion Date: (blank), Well Log Received Date: (blank) (b)(6)- { view PDF [view TIFF] } Public Land Survey: (blank), NE, S-34, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank) Well Log ID: 158646, Well Tag ID: (blank), Notice of Intent Number: (blank) Well Diameter: 6 (inches), Well Depth: 400 (feet)

Well Type: Water, Well Completion Date: 12/16/1974, Well Log Received Date: 3/13/1975

http://apps.ecy.wa.gov/welllog/scripts/textresults1.asp?township=17&range=30E§ion=06§ion=... 12/28/2005

Well Type: Water, Well Completion Date: 7/29/1975, Well Log Received Date: (blank)

(b) (6) - { view PDF A | view TIFF }
Public Land Survey: NW, SE, S-36, T-17-N, R-30-E, Tax Parcel Number: (blank)

Well Log ID: 155710, Well Tag ID: (blank), Notice of Intent Number: (blank)

County: GRANT, Well Address: (blank)

Well Diameter: 14 (inches), Well Depth: 863 (feet)

- { view PDF [A] | view TIFF [6] } 60. **(b) (6)** Public Land Survey: NW, SE, S-36, T-17-N, R-30-E, Tax Parcel Number: (blank) County: GRANT, Well Address: (blank)
- Well Log ID: 155714, Well Tag ID: (blank), Notice of Intent Number: (blank)

 Well Diameter: 14 (inches), Well Depth: 922 (feet)

 Well Type: Water, Well Completion Date: 2/25/1990, Well Log Received Date: 4/24/1990

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Profiles of General Demographic Characteristics

2000

Issued May 2001

2000 Census of Population and Housing

Washington



U.S. Department of Commerce Donald L. Evans, Secretary

> Economics and Statistics Administration J. Lee Price, Acting Under Secretary for Economic Affairs

> > U.S. CENSUS BUREAU William G. Barron, Jr., Acting Director

Table DP-1. Profile of General Demographic Characteristics: 2000

Geographic Area: Grant County, Washington

[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population	74,698	100.0	HISPANIC OR LATINO AND RACE	1 30	
			Total population	74,698	100.0
SEX AND AGE	42.0		Hispanic or Latino (of any race)	22,476	30.1
Male	38,177	51.1	Mexican	19,369	25.9
Female	36,521	48.9	Puerto Rican	90	0.1
Under 5 years	6,524	8.7	Cuban	34	
5 to 9 years	6,600	8.8	Other Hispanic or Latino	2,983	4.0
10 to 14 years	6,719	9.0	Not Hispanic or Latino	52,222	69.9
15 to 19 years	6,519	8.7	White alone	48,883	65.4
20 to 24 years	4,883	6.5	RELATIONSHIP	- 27	
25 to 34 years	9,762	13.1		74,698	100.0
35 to 44 years	10,387	13.9	Total population	73,605	98.5
45 to 54 years	8,845	11.8	Householder	25,204	33.7
55 to 59 years	3,239	4.3	Spouse		20.0
60 to 64 years	2,602	3.5		14,955	34.1
65 to 74 years	4,681	6.3	Child	25,445	
75 to 84 years	3,046	4.1	Own child under 18 years	21,616	28.9
85 years and over	891	1.2	Other relatives	4,091	5.5
			Under 18 years	1,555	2.1
Median age (years)	31.1	(X)	Nonrelatives	3,910	5.2
10 years and aver	E0 764	60.0	Unmarried partner	1,428	1.9
18 years and over	50,764	68.0	In group quarters	1,093	1.5
Male	25,812	34.6	Institutionalized population	564	0.8
Female	24,952	33.4 63.3	Noninstitutionalized population	529	0.7
21 years and over	47,272		LIGHT TO THE TANK THE		
62 years and over	10,129	13.6			4000
65 years and over	8,618	11.5	Total households	25,204	100.0
Male	3,950	5.3	Family households (families)	18,674	74.1
Female	4,668	6.2	With own children under 18 years	10,065	39.9
DAGE			Married-couple family	14,955	59.3
RACE	70 451	07.0	With own children under 18 years	7,562	30.0
One race	72,451	97.0	Female householder, no husband present	2,473	9.8
White	57,174	76.5	With own children under 18 years	1,759	7.0
Black or African American	742	1.0	Nonfamily households	6,530	25.9
American Indian and Alaska Native	863	1.2	Householder living alone	5,343	21.2
Asian	652	0.9	Householder 65 years and over	2,238	8.9
Asian Indian	42	0.1	Households with individuals under 18 years	10,890	43.2
Chinese	40	0.1	Households with individuals 65 years and over	5,969	23.7
Filipino	81	0.1	Tiouseriolus with individuals of years and over	5,505	20.7
Japanese	319	0.4	Average household size	2.92	(X)
Korean	73	0.1	Average family size	3.38	(X)
Vietnamese	67	0.1			
Other Asian 1	30		HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander	53	0.1	Total housing units	29,081	100.0
Native Hawaiian	15	100	Occupied housing units	25,204	86.7
Guamanian or Chamorro	8	- 6	Vacant housing units	3,877	13.3
Samoan	11		For seasonal, recreational, or		100000
Other Pacific Islander 2	19	:	occasional use	1,576	5.4
Some other race	12,967	17.4			
Two or more races	2,247	3.0	Homeowner vacancy rate (percent)	3.2	(X)
Race alone or in combination with one			Rental vacancy rate (percent)	10.7	(X)
or more other races: 3		100	HOUSING TENURE		
White	59,184	79.2	Occupied housing units	25,204	100.0
Black or African American	984	1.3	Owner-occupied housing units	16,809	66.7
American Indian and Alaska Native	1,483	2.0	Renter-occupied housing units	8,395	33.3
Asian	968	1.3			
Native Hawaiian and Other Pacific Islander	128	0.2		2.86	(X)
Some other race	14,319	19.2	Average household size of renter-occupied units.	3.04	(X)

Source: U.S. Census Bureau, Census 2000.

⁻ Represents zero or rounds to zero. (X) Not applicable.

Other Asian alone, or two or more Asian categories.

Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Table DP-1. Profile of General Demographic Characteristics: 2000

Geographic Area: Warden city, Washington

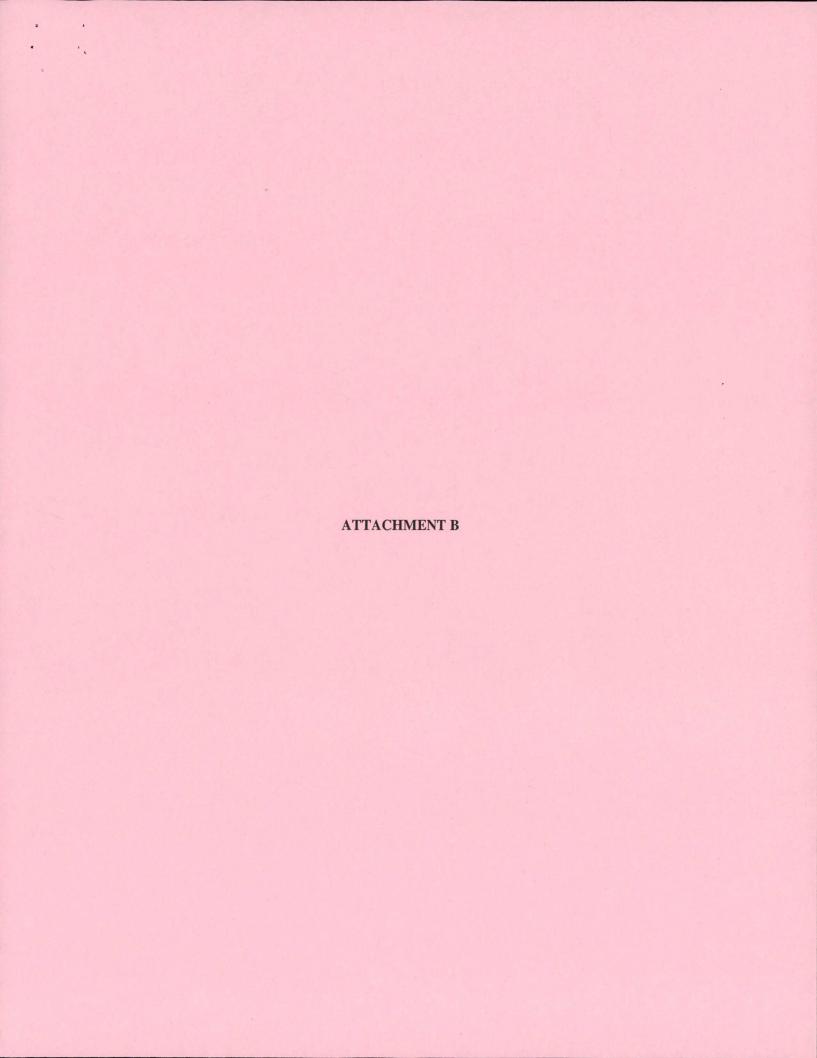
[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population	2,544	100.0	HISPANIC OR LATINO AND RACE		
			Total population	2,544	100.0
SEX AND AGE			Hispanic or Latino (of any race)	1,827	71.8
Male	1,305	51.3	Mexican	1,554	61.1
Female	1,239	48.7	Puerto Rican	3	0.1
Hadas F. com	310	12.2	Cuban		
Under 5 years		and the state of the state of	Other Hispanic or Latino	270	10.6
5 to 9 years	296	11.6	Not Hispanic or Latino	717	28.2
10 to 14 years	272	10.7	White alone	684	26.9
15 to 19 years	229	9.0			
20 to 24 years	166	6.5	RELATIONSHIP		
25 to 34 years	370	14.5	Total population	2,544	100.0
35 to 44 years	351	13.8	In households	2,544	100.0
45 to 54 years	218	8.6	Householder	720	28.3
55 to 59 years	82	3.2	Spouse	474	18.6
60 to 64 years	77	3.0	Child	1,076	42.3
65 to 74 years	119	4.7	Own child under 18 years	918	36.1
75 to 84 years	36	1.4		178	7.0
85 years and over	18	0.7	Other relatives	0.4	
65 years and over	10	100	Under 18 years	78	3.1
Median age (years)	25.0	(X)	Nonrelatives	96	3.8
			Unmarried partner	34	1.3
18 years and over	1,525	59.9	In group quarters	-	-
Male	768	30.2	Institutionalized population	-	
Female	757	29.8	Noninstitutionalized population	-	-
21 years and over	1,396	54.9			
62 years and over	218	8.6	HOUSEHOLD BY TYPE		
65 years and over	173	6.8	Total households	720	100.0
Male	78	3.1	Family households (families)	582	80.8
Female	95	3.7	With own children under 18 years	398	55.3
			Married-couple family	474	65.8
RACE			With own children under 18 years	317	44.0
One race	2,469	97.1	Female householder, no husband present	83	11.5
White	1,057	41.5	With own children under 18 years	62	8.6
Black or African American	5	0.2		138	19.2
American Indian and Alaska Native	23	0.9	Nonfamily households		
	8	0.3	Householder living alone	116	16.1
Asian	0	0.3	Householder 65 years and over	48	6.7
Asian Indian	-	-	Households with individuals under 18 years	442	61.4
Chinese	-	-	Households with individuals 65 years and over	129	17.9
Filipino			Households with individuals 65 years and over	129	17.5
Japanese	8	0.3	Average household size	3.53	(X)
Korean	-	-	Average family size	3.97	(X)
Vietnamese	-	-	/ worage rammy organization	0.07	(* *)
Other Asian 1		-	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander	_		Total housing units	790	100.0
Native Hawaiian	-	-			91.1
Guamanian or Chamorro	-	-	Occupied housing units	720	
Samoan		-	Vacant housing units	70	8.9
Other Pacific Islander 2		_	For seasonal, recreational, or	_	
Some other race	1,376	54.1	occasional use	5	0.6
Two or more races	75		Homeowner vacancy rate (percent)	2.8	(X)
Two or more races	75	2.5		13.1	(X)
Race alone or in combination with one			Rental vacancy rate (percent)	13.1	(^)
or more other races: 3			LIGHONIO TENHIDE		
White	1,129	44.4	HOUSING TENURE		400 -
Black or African American	5	0.2	Occupied housing units	720	100.0
American Indian and Alaska Native	29	1.1	Owner-occupied housing units	449	62.4
			Renter-occupied housing units	271	37.6
Asian	21	0.8	Avenue havehald size of avenue asserted and	0.70	141
Native Hawaiian and Other Pacific Islander	4 400		Average household size of owner-occupied units.	3.76	(X)
Some other race	1,436	56.4	Average household size of renter-occupied units.	3.16	(X)

Source: U.S. Census Bureau, Census 2000.

Represents zero or rounds to zero. (X) Not applicable.
 Other Asian alone, or two or more Asian categories.
 Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

³ In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.





ecology and environment, inc.

International Specialists in the Environment

2101 Fourth Avenue, Suite 1900, Seattle, WA 98121 Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE:

January 24, 2006

TO:

Linda Foster, START-3 Project Leader, E & E, Seattle, Washington

THROUGH:

Renee Nordeen, START-3 HRS Evaluator, E & E, Seattle, Washington

FROM:

Al Hanson, GIS Specialist, E & E, Seattle, Washington

SUBJECT:

National Wetlands Inventory

REF:

Contract Number EP-S7-06-02

Technical Direction Document 06-01-0023

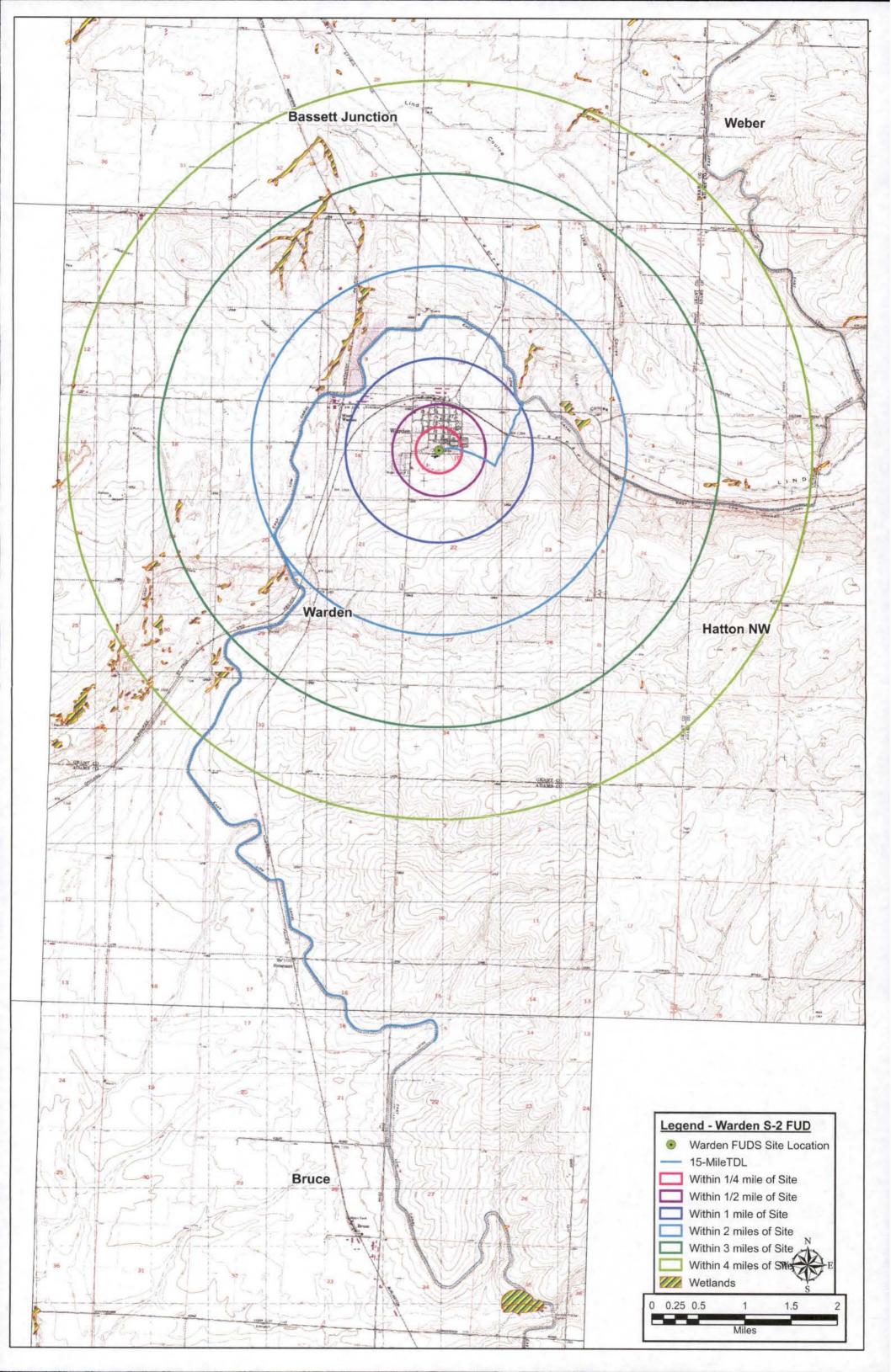
Attached please find the 4-mile and 15-mile map of wetlands for the Larson Air Force Base Titan Missile Launch S-2 site which is located in Warden, Washington. The map was generated from the following 7.5 minute topographic and National Wetland Inventory quadrangles:

- Bassett Junction, Washington;
- Weber, Wasington;
- · Hatton Northwest, Washington;
- Warden, Washington; and
- Bruce Washington.

The maps generated the following calculations of wetland acreage:

	0 to 0.25 mile	0 acres
•	0.25 to 0.5 mile	0 acres
•	0.5 to 1 mile	0.8 acres
	1 to 2 miles	148.4 acres
•	2 to 3 miles	200.7 acres
	3 to 4 miles	242.8 acres.

Additionally, these maps indicate that no wetland frontage exists along the surface water migration pathway target distance limit.





2101 Fourth Avenue, Suite 1900, Seattle, WA 98121 Tel: (206) 624-9537, Fax: (206) 621-9832

53473. 31.5 (4.5)

MEMORANDUM

DATE:

January 24, 2006

TO:

Linda Foster, START-3 Project Leader, E & E, Seattle, Washington

THROUGH:

Renee Nordeen, START-3 HRS Evaluator, E & E, Seattle, Washington

FROM:

Al Hanson, GIS Specialist, E & E, Seattle, Washington

SUBJECT:

Population within 4-miles

REF:

Contract Number EP-S7-06-02

Technical Direction Document 06-01-0023

Below is the population within a 4-mile radius of the Larson Air Force Base Titan Missile Facility S-2 site which is located in Warden, Washington. This information was generated from United States Bureau of the Census population housing tracks.

•	0 to 0.25 mile	557 people
•	0.25 to 0.5 mile	1,392 people
•	0.5 to 1 mile	589 people
•	1 to 2 miles	116 people
•	2 to 3 miles	195 people
•	3 to 4 miles	255 people

w			

Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-29068	(b) (6)	10/31/1991	100.00		IR	WELL	T14 N/R23 E-03	
G3-30163	Crawford Orchard Partnership	04/15/1998	290.00		DM IR	WELL	T15 N/R25 E-24	
G3-30174	(b) (6)	04/24/1998	450.00		DM IR	WELL	T14 N/R23 E-23	
G3-30189	Sentinel Ranch	06/24/1998	3,950.00		DM FP HP IR ST	WELL WELL WELL	T15 N/R23 E-23 T15 N/R23 E-23 T15 N/R23 E-23 T15 N/R23 E-23	
G3-30126	(b) (6)	12/16/1997	1,250.00		IR	WELL	T15 N/R26 E-17	
G3-30025	(b) (6)	03/26/1997	100.00		FP IR ST	WELL	T14 N/R23 E-04 T14 N/R23 E-04	
G3-30001	Desert Aire Owners Association	11/13/1996	1,000.00		MU	WELL	T14 N/R23 E-23	
G3-29930	Meadow Park Mobile Home Court	02/26/1996	50.00		DM	WELL	T15 N/R25 E-33	
G3-29734	Westshore Water Co	11/10/1994	800.00		DM FR	WELL	T19 N/R28 E-18	
G3-29785	(b) (6)	11/29/1994	2,500.00		IR	WELL	T19 N/R28 E-18 T15 N/R23 E-26	
G3-29619	(b) (6)	01/25/1994	3,000.00		IR	WELL	T15 N/R27 E-24	
G3-29626	(b) (6)	02/03/1994	1,000.00		DM IR	WELL	T15 N/R23 E-22	
G3-29630	(b) (6)	02/17/1994	2,000.00		FP IR	WELL	T13 N/R24 E-08	
G3-29666	(b) (6)	03/28/1994	120.00		IR ST	WELL	T13 N/R24 E-08 T15 N/R23 E-34	
G3-29253	(b) (6)	07/15/1992	50.00		DS IR	WELL	T14 N/R23 E-03	
G3-29340	Green Acres Partners	11/30/1992	13,500.00	1,900.00	FP IR	WELL WELL WELL	T13 N/R24 E-05 T13 N/R24 E-05 T13 N/R24 E-05	
G3-29377	(b) (6)	01/27/1993	200.00		DS IR	WELL	T13 N/R24 E-04	
G3-29403		02/17/1993	400.00		DS IR	WELL	T15 N/R23 E-26	
G3-29459		05/03/1993	200.00		DS IR ST	WELL	T14 N/R23 E-04	
G3-29147		02/14/1992	1,800.00		FP IR	WELL	T15 N/R23 E-22	
G3-29160		03/02/1992	2,000.00		IR	WELL	T15 N/R23 E-27	

As Of 12/5/2005

WATER RIGHTS TRACKING SYSTEM **CURRENT WATER RIGHT & WATER RIGHT CHANGE APPLICATIONS PENDING WITH ECOLOGY**

County: Grant

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-29245	(b) (6)	07/10/1992	100.00		DS IR	WELL	T14 N/R23 E-03	
G3-30285	High Dunes Vineyard	02/10/2000	800.00		CI DM IR	WELL WELL	T15 N/R23 E-26 T15 N/R23 E-26	
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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-30275	R & P Rentals Water System	12/08/1999	80.00		DM	WELL	T17 N/R30 E-03	
G3-30278	(b) (6)	12/21/1999	300.00		DS IR	WELL	T20 N/R23 E-07	
	(2) (3)					WELL	T20 N/R23 E-07	
CG3-*02877C	(b) (6)	04/06/1999	1,450.00	640.00	IR	WELL	T19 N/R27 E-07	SW/NW
	(-) (-)					WELL	T19 N/R27 E-07	NW/SE

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-*02855C	Moses Lake City	12/11/1998	1,000.00	1,600.00		WELL	T19 N/R28 E-29	SW/SW
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-04	NE/SW
						WELL	T19 N/R28 E-29	NW/SW
						WELL	T20 N/R28 E-32	NE/SE
						WELL	T20 N/R28 E-32	NE/NW
						WELL	T20 N/R28 E-33	SW/NW
						WELL	T19 N/R29 E-20	SW/NE
						WELL	T19 N/R29 E-20	NE/SE
						WELL	T19 N/R29 E-21	SW/NW
						WELL	T19 N/R28 E-13	SE/SE
						WELL	T19 N/R28 E-36	NW/NE
						WELL	T19 N/R28 E-15	NE/NE
						WELL	T19 N/R28 E-15	NW/NW
						WELL	T19 N/R28 E-27	NE/NW
						WELL	T19 N/R28 E-14	SE/SE
						WELL	T19 N/R28 E-23	NE/SE
						WELL	T19 N/R28 E-23	SW/SW
						WELL	T19 N/R28 E-27	SE/NE
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T20 N/R28 E-33	
						WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW

County: Grant

Disclaimer: This report contains information about water right applications and water right change applications. Applicatons do not constitute an approval of water rights.

Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-CL004020	Moses Lake City	01/19/1999				WELL	T20 N/R28 E-32	NE/SE
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-23	NE/SE
						WELL	T19 N/R28 E-14	SW/SW
						WELL	T19 N/R28 E-27	SE/NE
						WELL	T19 N/R28 E-15	NW/NW
						WELL	T19 N/R28 E-27	NE/NW
						WELL	T19 N/R28 E-14	SE/SE
						WELL	T19 N/R28 E-13	SE/SE
						WELL	T19 N/R28 E-36	NW/NE
						WELL	T19 N/R28 E-15	NE/NE
						WELL	T19 N/R29 E-20	SW/NE
						WELL	T19 N/R29 E-20	NW/SE
				*		WELL	T19 N/R29 E-21	SW/NW
						WELL	T20 N/R28 E-32	NE/NW
						WELL	T20 N/R28 E-33	SW/NW
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-04	NE/SW
						WELL	T20 N/R28 E-27	SW/NW
						WELL	T19 N/R28 E-29	NW/SW
						WELL	T19 N/R28 E-29	SW/SW
						WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-CL004021	Moses Lake City	08/26/1999				WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E	
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-23	NE/SE
						WELL	T19 N/R28 E-14	SW/SW
						WELL	T19 N/R28 E-27	SE/NE
						WELL	T19 N/R28 E-15	NW/NW
						WELL	T19 N/R28 E-27	NE/NW
						WELL	T19 N/R28 E-14	SE/SE
						WELL	T19 N/R28 E-13	SE/SE
						WELL	T19 N/R28 E-36	NW/NE
						WELL	T19 N/R28 E-15	NE/NE
						WELL	T19 N/R29 E-20	SW/NE
						WELL	T19 N/R29 E-20	NW/SE
						WELL	T19 N/R29 E-21	SW/NW
						WELL	T20 N/R28 E-32	NE/SE
						WELL	T20 N/R28 E-32	NE/NW
						WELL	T20 N/R28 E-33	SW/NW
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-04	NE/SW
						WELL	T20 N/R28 E-27	SW/NW
						WELL	T19 N/R28 E-29	NW/SW
						WELL	T19 N/R28 E-29	SW/SW
						WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-28756	(b) (6)	01/10/1990	120.00		DS IR	WELL	T20 N/R28 E-16	
G3-28895	Astro Enterprises	10/18/1990	500.00		IR	WELL	T19 N/R28 E-34	
G3-28906	(b) (6)	01/09/1991	60.00		DS IR	WELL	T22 N/R27 E-31	
G3-30142	Long-Bolitho Partnership	02/17/1998	210.00		DS IR	WELL	T16 N/R27 E-20	
20 22122	(b) (6)					WELL	T16 N/R27 E-20	
G3-30155		03/23/1998	10.00		DM IR ST	WELL	T17 N/R30 E-18	
G3-30159		03/24/1998	20.00		DM	WELL	T19 N/R29 E-09	
G3-30164		04/16/1998	100.00		DS ST	WELL	T20 N/R26 E-19	
G3-30166		04/30/1998	80.00		DM ST	WELL ·	T16 N/R27 E-02	
						WELL	T16 N/R27 E-02	
G3-30204		06/17/1997	10.00		IR ST	WELL	T20 N/R28 E-16	
G3-30188		06/24/1998	220.00		DM IR ST	WELL	T17 N/R30 E-20	
						WELL	T17 N/R30 E-20	
G3-30230		07/13/1998	600.00		IR	WELL	T17 N/R24 E-12	
						WELL	T17 N/R24 E-13	
G3-30247	Beverly Water Dist	09/09/1998	460.00		MU	WELL	T16 N/R23 E-34	
G3-30190	Royal City	09/14/1998	1,000.00		MU	WELL	T16 N/R25 E-01	
						WELL	T16 N/R25 E-01	
						WELL	T16 N/R25 E-01	
G3-30245	Warden City	10/26/1998	2,000.00		MU	WELL	T17 N/R30 E-09	
	(1.) (2)					WELL	T17 N/R30 E-09	
G3-30256	(b) (6)	01/20/1999	800.00		DM IR	WELL	T21 N/R24 E-32	
						WELL	T21 N/R24 E-32	
G3-30251		12/10/1998	50.00		DM	WELL	T17 N/R26 E-04	
G3-30060		06/13/1997	7,000.00		FP IR	WELL	T17 N/R23 E-27	
						WELL	T17 N/R23 E-27	
						WELL	T17 N/R23 E-27	
G3-30077	_	09/17/1997	800.00		FP IR	WELL	T17 N/R24 E-08	
						WELL	T17 N/R24 E-08	
G3-30076		09/17/1997	600.00		FP IR	WELL	T19 N/R23 E-20	
G3-30130		12/30/1997	300.00		DS FP IR ST	WELL	T21 N/R23 E-32	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-30140	Lazy Acres Mobile Home Park	01/12/1998	1,250.00		DM	WELL	T20 N/R24 E-08	
	W. VOV					WELL	T20 N/R24 E-08	
G3-30141	(b) (6)	01/12/1998	150.00		DM DY	WELL	T20 N/R25 E-17	
						WELL	T20 N/R25 E-17	
G3-30117		10/08/1997	300.00		DM IR	WELL	T19 N/R23 E-32	
G3-30118		10/09/1997	2,200.00		DM FP IR WL	WELL	T17 N/R26 E-23	
						WELL	T17 N/R26 E-23	
G3-30135	Carp LLC	02/11/1998	1,700.00		FP HP IR	WELL	T16 N/R27 E-10	
G3-30136	(b) (6)	02/11/1998	10.00		DS	WELL	T19 N/R28 E-11	
G3-30042	(b) (6)	06/02/1997	1,140.00		DM	WELL	T19 N/R28 E-02	
	(5) (6)					WELL	T19 N/R28 E-02	
						WELL	T19 N/R28 E-02	
						WELL	T19 N/R28 E-02	
						WELL	T19 N/R28 E-02	
						WELL	T19 N/R28 E-02	
						WELL	T19 N/R28 E-02	
						WELL	T19 N/R28 E-02	
						WELL	T19 N/R28 E-02	
						WELL	T19 N/R28 E-02	
						WELL	T19 N/R28 E-02	
						WELL	T19 N/R28 E-02	
	(b) (6)					WELL	T19 N/R28 E-02	
G3-30057	Carlo Carlo	06/04/1997	5,000.00		FP IR	WELL	T17 N/R23 E-33	
						WELL	T17 N/R23 E-33	
						WELL	T17 N/R23 E-33	
G3-QB603		08/10/1974	250.00		IR	WELL	T19 N/R27 E-25	
G3-QB660		01/30/1979	100.00		DS IR	WELL	T19 N/R27 E-14	
G3-29079		06/14/1991	100.00		DS IR	WELL	T21 N/R28 E-17	
G3-22401		01/21/1974	3,600.00		IR	WELL	T18 N/R25 E-27	
G3-22402		01/21/1974	4,800.00		IR	WELL	T18 N/R25 E-23	
G3-22404	Northwest Farm Credit Services	01/21/1974	3,600.00		IR	WELL	T18 N/R26 E-31	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-27528	Columbia Pacific Land & Livest	04/20/1983	6,780.00		DM IR	WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	
						WELL	T20 N/R26 E-03	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-27540	Isaak Land Co Inc	05/27/1983	7,520.00		DM IR	WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
						WELL	T20 N/R27 E-01	
	(b) (6)					WELL	T20 N/R27 E-01	
G3-27696		11/17/1983	30.00		DS IR ST	WELL	T19 N/R28 E-01	
G3-27712		01/11/1984	280.00		IR	WELL	T19 N/R26 E-31	
G3-27716		02/07/1984	150.00		IR	INFILTRATION TR	T19 N/R24 E-31	
G3-27832		05/14/1984	200.00		IR	WELL	T18 N/R26 E-32	
G3-27959	El Oro Cattle Co	03/22/1985	400.00		DG ST	WELL	T18 N/R30 E-18	
						WELL	T18 N/R30 E-18	
						WELL	T18 N/R30 E-18	
					*	WELL	T18 N/R30 E-18	
						WELL	T18 N/R30 E-18	
						WELL	T18 N/R30 E-18	
G3-28085	Broadway Estates II	08/24/1985	20.00		IR	WELL	T19 N/R28 E-28	
G3-28251	(b) (6)	12/09/1986	30.00		DS IR	WELL	T20 N/R25 E-17	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-28257	(b) (6)	02/05/1987	900.00		IR	WELL WELL WELL	T19 N/R25 E-25 T19 N/R25 E-25 T19 N/R25 E-25	
						WELL WELL WELL WELL	T19 N/R25 E-25 T19 N/R25 E-25 T19 N/R25 E-26 T19 N/R25 E-26	
G3-28354	B & R Associates	08/27/1987	100.00		IR	WELL	T19 N/R28 E-33	
G3-28806	George Washington Investements	06/22/1990	250.00		FR IR	WELL WELL	T18 N/R24 E-06 T18 N/R24 E-06	
G3-28271	(b) (6)	02/17/1987	100.00		DS IR ST WL	WELL	T21 N/R27 E-32	
G3-28999		05/21/1991	72.00		CI	WELL	T19 N/R29 E-32	
G3-23787		09/13/1974	1,600.00		DS IR	WELL	T20 N/R26 E-28	
G3-29272	Inflation Systems Inc	09/08/1992	140.00		EN IR	WELL	T20 N/R28 E-21	
G3-29273	Inflation Systems Inc	09/08/1992	150.00		EN IR	WELL	T20 N/R28 E-16	
G3-28645	(b) (6)	05/18/1989	100.00		IR ST WL	WELL	T21 N/R27 E-32	
G3-28644		04/25/1989	700.00		IR	WELL	T18 N/R26 E-11	
G3-28856	Cenex Ltd DBA Full Circle	09/13/1990	450.00		CLIR	WELL	T19 N/R26 E-34	
G3-29271	(b) (6)	08/21/1992	360.00		IR	WELL WELL	T17 N/R25 E-10 T17 N/R25 E-10	
G3-29128		02/05/1992	60.00		DS IR	WELL	T19 N/R28 E-34	
G3-27311		06/10/1982	200.00		DS IR	WELL	T19 N/R26 E-29	
G3-30018	Preferred Farm Lands Inc	11/28/1994	200.00		DM	WELL	T19 N/R26 E-30	
G3-28755	(b) (6)	01/02/1990	1,300.00		IR	WELL	T20 N/R26 E-10	
G3-27297		05/28/1982	400.00		DS IR	WELL	T20 N/R26 E-24	
G3-30038		04/08/1997	500.00		DM	WELL	T21 N/R24 E-32	
G3-30039	National Food Corporation	04/09/1997	100.00		ST	WELL	T16 N/R25 E-12 T16 N/R25 E-12	
G3-01262	(b) (6)	04/13/1967	500.00		DS IR	WELL	T20 N/R23 E-28	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-22655	(b) (6)	02/21/1974	800.00		IR	WELL	T18 N/R26 E-06	
G3-23197		03/15/1974	1,200.00		IR	WELL	T19 N/R26 E-21	
G3-23515		07/19/1974	32.00		DS IR	WELL	T21 N/R26 E-22	
G3-23608		07/01/1974	400.00		IR ST	WELL	T20 N/R26 E-06	
G3-23631		07/03/1974	10.00		IR ST	WELL	T21 N/R26 E-02	
G3-26710		10/20/1980	100.00		IR	WELL	T20 N/R25 E-14	
G3-27258		04/29/1982	35.00		DS IR	WELL	T20 N/R23 E-11	
G3-27295	Union Cabide Corporation	05/27/1982	1,000.00		CI	WELL	T19 N/R29 E-17	
G3-27702	(b) (6)	11/30/1983	800.00		IR	WELL WELL WELL WELL WELL WELL WELL WELL	T20 N/R27 E-23	
G3-27823	Country Boys Inc	05/01/1984	60.00		IR	WELL	T21 N/R26 E-33 T21 N/R26 E-33	
G3-27849	Country Boys Inc	07/13/1984	1,400.00		IR	WELL	T21 N/R26 E-33	
G3-27867	(b) (6)	09/04/1984	100.00		DS IR ST	WELL	T19 N/R26 E-29	
G3-28255		01/22/1987	1,000.00		IR	WELL	T18 N/R23 E-11 T18 N/R23 E-10	
G3-01286		05/05/1967	2,250.00		IR	WELL	T18 N/R24 E-04	
G3-01275		12/04/1968	450.00		DS IR ST	WELL	T19 N/R25 E-04	
G3-01276		03/12/1969	1,200.00		IR ST	WELL	T19 N/R23 E-35	
G3-22656		02/21/1974	600.00		IR	WELL	T18 N/R26 E-06	
G3-01255		02/10/1970	250.00		IR	WELL	T19 N/R27 E-14	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-22392	(b) (6)	01/21/1974	1,200.00		IR	WELL	T18 N/R25 E-08 T18 N/R25 E-08	
G3-22398	*	01/21/1974	2,200.00		IR	WELL	T18 N/R25 E-27	
G3-21918		09/26/1973	1,800.00		IR	WELL	T19 N/R25 E-27 T19 N/R25 E-27	
G3-21919		09/26/1973	1,800.00		IR	WELL	T19 N/R25 E-27	
G3-22557		02/20/1974	1,800.00		IR	WELL	T18 N/R24 E-22	
G3-22836		03/18/1974	700.00		IR	WELL	T19 N/R26 E-20	
G3-22787		03/07/1974	2,600.00		IR	WELL WELL WELL WELL	T19 N/R25 E-25 T19 N/R25 E-25 T19 N/R25 E-25 T19 N/R25 E-25	
G3-21247	(b) (6)	01/25/1973	160.00		DS IR	WELL	T18 N/R26 E-03	
G3-21248		01/25/1973	160.00		DS IR	WELL	T18 N/R26 E-03	
G3-23897		12/21/1974	1,200.00		IR	WELL	T19 N/R26 E-32	
G3-22654		02/21/1994	1,300.00		IR	WELL	T19 N/R26 E-31	
G3-22312		01/02/1974	1,200.00		IR	WELL	T18 N/R24 E-26	
G3-22742		02/07/1974	1,200.00		IR	WELL	T19 N/R27 E-30	
G3-22647		02/13/1974	1,600.00		IR	WELL	T19 N/R25 E-28	
G3-22537		02/13/1974	1,600.00		IR	WELL	T18 N/R25 E-22 T18 N/R25 E-22	
G3-22592		02/20/1974	3,500.00		IR	WELL	T18 N/R26 E-29	
G3-22593		02/20/1994	3,500.00		IR	WELL	T18 N/R26 E-29	
G3-22599		02/20/1974	3,500.00		IR	WELL	T20 N/R25 E-13	
G3-22704		02/25/1974	2,400.00		IR	WELL	T19 N/R26 E-28	
G3-23052		03/13/1974	747.00		IR	WELL	T18 N/R25 E-13	
G3-22871		04/03/1974	1,000.00		IR	WELL	T19 N/R26 E-18	
G3-23214	JET Farms, Inc.	05/21/1974	1,250.00		IR	WELL	T18 N/R25 E-14	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-23273	(b) (6)	06/28/1974	650.00		DM IR	WELL	T19 N/R27 E-14	1
G3-24288		01/18/1975	1,200.00		IR	WELL	T19 N/R23 E-26	3
G3-25638		09/08/1977	1,500.00		IR	WELL	T18 N/R24 E-23	3
G3-25782		12/19/1977	65.00		DS IR	WELL	T19 N/R26 E-30)
G3-25829		01/16/1978	400.00		IR	WELL	T19 N/R25 E-25	5
G3-24600		08/26/1975	80.00		DS IR	WELL	T19 N/R28 E-34	4
G3-25886		03/27/1978	200.00		IR	WELL	T17 N/R28 E-18 T17 N/R28 E-18	
G3-26149		01/30/1979	100.00		DS IR ST	WELL	T19 N/R27 E-14	4
G3-26444		12/27/1979	200.00		DS IR	WELL	T18 N/R28 E-1 T18 N/R28 E-1	
G3-26772		01/23/1981	400.00		DS IR	WELL	T20 N/R25 E-14	4
G3-26923		04/11/1981	130.00		IR	WELL	T20 N/R24 E-0	7
G3-27125		09/18/1981	100.00		DS IR	WELL	T20 N/R25 E-33	3
G3-27158		11/05/1981	1,400.00		IR	WELL WELL WELL	T19 N/R25 E-3; T19 N/R25 E-3; T19 N/R25 E-3;	2
G3-27177	First Baptist Church	11/25/1981	96.00		IR	WELL	T19 N/R28 E-1	
G3-27394	(b) (6)	10/30/1982	780.00		IR ST	WELL	T19 N/R26 E-3	1
G3-27599	B & R Associates	06/18/1983	100.00		IR	WELL	T19 N/R28 E-3	3
G3-27644	(b) (6)	09/21/1983	380.00		IR	WELL	T19 N/R26 E-3	1
G3-27646	200	10/08/1983	1,000.00		IR	WELL	T19 N/R26 E-2	0
G3-27687	3.4	11/02/1983	60.00		DS IR	WELL	T19 N/R28 E-03	2
G3-29982	R P C Corporation	06/06/1996	100.00		DM	WELL	T20 N/R23 E-1	3
G3-29996	(b) (6)	09/23/1996	40.00		DS IR ST	WELL	T20 N/R23 E-0	7
G3-29997		09/27/1996	250.00		IR	WELL	T17 N/R26 E-2	6
G3-29960		05/29/1996	85.00		DM	WELL	T19 N/R28 E-1	0

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-29970	Trans Cascade Development 1 LL	06/27/1996	1,500.00		DM IR	WELL	T18 N/R23 E-22	
						WELL	T18 N/R23 E-22	
						WELL	T18 N/R23 E-22	
G3-29953	Lakeshores West LLC	05/09/1996	196.00		DM	WELL	T19 N/R28 E-21	
G3-29931	(b) (6)	03/06/1996	1,500.00		IR	WELL	T16 N/R24 E-09	
G3-29925	Verbrugge Family LLC	02/08/1996	10,000.00		FP	WELL	T17 N/R25 E-10	
						WELL	T17 N/R25 E-10	
						WELL	T17 N/R25 E-10	
						WELL	T17 N/R25 E-10	
						WELL	T17 N/R25 E-10	
G3-29939	(b) (6)	04/24/2001	200.00		IR ST	WELL	T16 N/R25 E-34	
G3-29878	Crescent Bar Inc	09/01/1995	1,200.00		DM IR	WELL	T20 N/R23 E-18	
G3-29788	Cascade Valley Water Dist	01/19/1995	1,500.00		DM	WELL	T19 N/R28 E-17	
						WELL	T19 N/R28 E-17	
						WELL	T19 N/R28 E-17	
G3-29863	Verbrugge Family LLC	08/03/1995	2,200.00		IR	WELL	T17 N/R25 E-10	
						WELL	T17 N/R25 E-10	
						WELL	T17 N/R25 E-10	
						WELL	T17 N/R25 E-10	
						WELL	T17 N/R25 E-10	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-29915	Moses Lake City	06/19/1995	1,500.00		MU	WELL	T19 N/R28 E-	16
						WELL	T19 N/R28 E-	15
						WELL	T19 N/R28 E-	07
						WELL	T19 N/R28 E-	18
						WELL	T19 N/R28 E-3	33
						WELL	T19 N/R28 E-	04
						WELL	T19 N/R28 E-	16
						WELL	T19 N/R28 E-	07
						WELL	T19 N/R28 E-	25
						WELL	T19 N/R28 E-	04
						WELL	T19 N/R29 E-	20
						WELL	T19 N/R29 E-	17
						WELL	T19 N/R29 E-	18
						WELL	T19 N/R29 E-	
						WELL	T20 N/R28 E-	27
						WELL	T19 N/R28 E-	
						WELL	T19 N/R29 E-	
						WELL	T20 N/R28 E-	
						WELL	T19 N/R28 E-	
						WELL	T19 N/R28 E-	
						WELL	T19 N/R28 E-	
						WELL	T19 N/R29 E-	
						WELL	T20 N/R28 E-	32
						WELL	T19 N/R28 E-	
						WELL	T19 N/R28 E-	
						WELL	T19 N/R28 E-	
						WELL	T19 N/R28 E-	
						WELL	T19 N/R28 E-	
						WELL	T19 N/R28 E-	
						WELL	T19 N/R28 E-	
						WELL	T19 N/R28 E-	
G3-29865	Big Cherry Orchards	08/15/1995	75.00		IR	WELL	T16 N/R23 E-	34
G3-29861	(b) (6)	07/10/1995	400.00		DS IR	WELL	T17 N/R26 E-	31
G3-29823	Sun Desert Inc	04/24/1995	200.00		DM	WELL	T17 N/R27 E-	12
G3-29880	(b) (6)	07/26/1995	4,500.00		IR	WELL	T17 N/R24 E-	09

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-29749	(b) (6)	10/07/1994	4,500.00	Qa	IR	WELL	T16 N/R23 E-22	QUAD
	(4) (2)							
G3-29789		01/19/1995	150.00		DM	WELL	T19 N/R28 E-12	
G3-29786		12/22/1994	40.00		DMIR	WELL	T21 N/R25 E-29	
G3-29776		01/05/1995	150.00		DM	WELL	T18 N/R22 E-12	
		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V27 021210 21			WELL	T18 N/R22 E-12	
G3-29793	Sun Canyon Inc	01/17/1995	5,400.00		DM IR	WELL	T18 N/R23 E-21	
						WELL WELL	T18 N/R23 E-21	
00.00704	Sun Desert Inc	02/09/1995	200.00		DM	WELL	T18 N/R23 E-21 T17 N/R27 E-12	
G3-29794	Sun Desert Inc	02/09/1995	200.00					
G3-29796	Ro-Ki Orchards	02/16/1995	480.00		HP	WELL	T16 N/R23 E-22	
						WELL	T16 N/R23 E-22	
						WELL	T16 N/R23 E-22	
G3-29806	Lake Spokane Development Inc	03/06/1995	100.00		DM	WELL	T17 N/R29 E-26	
G3-29826	WA Natural Resouces Department	04/24/1995	4,000.00		IR	WELL	T16 N/R25 E-36	
						WELL	T16 N/R25 E-36	
G3-29825	WA Natural Resouces Department	04/24/1995	4,500.00		FP HP IR	WELL	T17 N/R27 E-12	
						WELL	T17 N/R27 E-12	
G3-29843	Brown & Gius Farms Inc	05/31/1995	100.00		DM	WELL	T17 N/R25 E-31	
G3-29841	(b) (6)	05/23/1995	60.00		DM	WELL	T19 N/R27 E-13	
G3-29847		06/07/1995	15.00		DS	WELL	T16 N/R26 E-19	
G3-29848	MCA Concerts Inc	06/08/1995	250.00		DM IR	WELL	T19 N/R23 E-31	
						WELL	T19 N/R23 E-31	
	(L) (C)					WELL	T19 N/R23 E-31	
G3-29849	(b) (6)	06/12/1995	175.00		DS IR	WELL	T20 N/R23 E-07	
S3-29681		04/11/1994	6.04		IR	CRAB CREEK	T16 N/R26 E-27	
G3-29576	Kershaw Fruit & Cold Storage C	11/08/1993	650.00		DM IR	WELL	T21 N/R24 E-34	
						WELL	T21 N/R24 E-27	
						WELL	T21 N/R24 E-27	
						WELL	T21 N/R24 E-34	
G3-29592	Moses Lake City	12/07/1993	2,400.00		DM	WELL	T19 N/R28 E-18	
						WELL	T19 N/R28 E-07	
						WELL	T19 N/R28 E-07	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-29593	(b) (6)	12/08/1993	210.00		DY	WELL	T17 N/R28 E-28	
G3-29594	Royal City	12/09/1993	1,500.00		IR	WELL	T16 N/R26 E-09	
G3-29600	Celite Corporation	12/29/1993	100.00		EN MI	WELL	T17 N/R23 E-13	
G3-29621	(b) (6)	01/28/1994	75.00		DM	WELL	T20 N/R27 E-35	
G3-29623	Samis Land Co	02/01/1994	1,300.00		IR	WELL	T16 N/R23 E-35	
G3-29636	(b) (6)	01/18/1994	500.00	54.70	DM	WELL	T19 N/R28 E-20	
G3-29646		03/02/1994	1,600.00		IR	WELL	T21 N/R24 E-33	
G3-29647		03/02/1994	1,600.00		IR	WELL	T21 N/R24 E-33	
G3-29648		03/02/1994	400.00		IR	WELL	T21 N/R25 E-29	
G3-29656	Custom Orchard Inc	03/18/1994	250.00		IR	WELL	T18 N/R23 E-34	
G3-29661	(b) (6)	03/21/1994	8,680.00		IR	WELL WELL WELL WELL WELL WELL WELL WELL	T17 N/R23 E-26 T17 N/R23 E-21 T17 N/R23 E-21 T17 N/R23 E-26 T17 N/R23 E-26 T17 N/R23 E-27 T17 N/R23 E-27 T17 N/R23 E-27 T17 N/R23 E-27 T17 N/R23 E-27	
G3-29673	(b) (6)	04/12/1994	1,445.00		IR	WELL WELL WELL	T17 N/R25 E-07 T17 N/R25 E-07 T17 N/R25 E-07 T17 N/R25 E-07	
G3-29675	(b) (6)	04/04/1994	3,200.00		IR	WELL WELL WELL	T17 N/R24 E-07 T17 N/R24 E-07 T17 N/R24 E-07 T17 N/R24 E-07	
G3-29676	(b) (6)	04/14/1994	7,500.00	3,640.00	IR	WELL WELL WELL WELL	T17 N/R24 E-06 T17 N/R24 E-06 T17 N/R23 E-01 T17 N/R23 E-01	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-29677	(b) (6)	04/11/1994	2,720.00		IR	WELL	T16 N/R26 E-35	
G3-29678		04/11/1994	2,500.00		IR	WELL	T15 N/R26 E-02	
G3-29679		04/11/1994	2,500.00		IR	WELL	T16 N/R26 E-34	
G3-29680		04/11/1994	2,125.00		IR	WELL	T15 N/R26 E-02 T15 N/R26 E-02	
G3-29683		04/25/1994	100.00		DM	WELL	T19 N/R28 E-08	
G3-29687		06/24/1994	550.00		IR	WELL	T21 N/R24 E-32	
G3-29688		04/04/1994	1,600.00		IR	WELL	T17 N/R23 E-27	
G3-29701		06/30/1994	10.00		DM IR	WELL	T16 N/R23 E-34	
G3-29706		07/05/1994	450.00		DM IR	WELL	T19 N/R28 E-12 T19 N/R28 E-12	
G3-29710		04/07/1994	4,500.00		IR	WELL	T17 N/R24 E-07	
G3-29711		04/06/1994	4,288.00		IR	WELL	T17 N/R25 E-09 T17 N/R25 E-09	
G3-29257		07/20/1992	150.00	41.00	DS IR	WELL	T16 N/R23 E-34	
G3-29318		10/20/1992	190.00		DS IR ST	WELL	T21 N/R24 E-35	
G3-29331		11/02/1992	2,000.00		IR	WELL	T21 N/R24 E-31	
G3-29350	Sunland Estates Maintenance Co	01/12/1993	2,000.00		DM	WELL WELL WELL	T18 N/R22 E-02 T18 N/R22 E-02 T18 N/R22 E-12	
G3-29392	(b) (6)	02/05/1993	80.00		DM	WELL	T19 N/R28 E-11	
G3-29411		03/04/1993	900.00		IR	WELL	T16 N/R26 E-07	
G3-29412		03/04/1993	700.00		IR	WELL	T17 N/R26 E-28	
G3-29413		03/04/1993	700.00		IR	WELL	T16 N/R26 E-14	
G3-29429	100	03/26/1993	150.00		DS IR	WELL	T21 N/R24 E-35	
G3-29436	Potholes Investment Inc	02/02/1993	300.00		DM	WELL WELL WELL	T17 N/R28 E-18 T17 N/R28 E-18 T17 N/R28 E-18 T17 N/R28 E-18	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-29442	(b) (6)	03/31/1993	1,200.00		IR	WELL	T17 N/R25 E-07	
						WELL	T17 N/R25 E-07	
						WELL	T17 N/R25 E-07	
						WELL	T17 N/R24 E-13	
						WELL	T17 N/R25 E-07	
G3-29443	(b) (6)	03/31/1993	1,200.00		IR	WELL	T17 N/R25 E-07	
	(2) (3)					WELL	T17 N/R25 E-07	
						WELL	T17 N/R25 E-07	
						WELL	T17 N/R24 E-14	
						WELL	T17 N/R25 E-07	
G3-29461	(b) (6)	05/04/1993	800.00		IR		T17 N/R26 E-06	
G3-29477	La Terra Limited Partnership	03/24/1993	800.00		IR	WELL	T17 N/R28 E-20	
						WELL	T17 N/R28 E-20	
G3-29496	(b) (6)	06/07/1993	1,500.00		IR	WELL	T17 N/R24 E-28	
G3-29501	Alexander Meyers Investors Inc	07/23/1993	20.00		DM	WELL	T20 N/R26 E-04	
00 20001	Thoracia in the great in the state of the	0172071000	20.00			WELL	T20 N/R26 E-04	
G3-29531	Pacific Fruit	08/13/1993	30.00		DM	WELL	T21 N/R24 E-32	
G3-29537	(b) (6)	08/20/1993	125.00		DM	WELL	T18 N/R28 E-35	
G3-29058	Crescent Bar RV Homeowners Ass	09/25/1991	1,000.00		FR	WELL	T20 N/R23 E-19	
						WELL	T20 N/R23 E-19	
						WELL	T20 N/R23 E-19	
						WELL	T20 N/R23 E-19	
						WELL	T20 N/R23 E-19	
						WELL	T20 N/R23 E-19	
						WELL	T20 N/R23 E-19	
						WELL	T20 N/R23 E-19	
						WELL	T20 N/R23 E-19	
						WELL	T20 N/R23 E-19	
G3-29092	Quincy City	10/29/1991	2,200.00	1,000.00	MU	WELL	T20 N/R24 E-18	
	** ***					WELL	T20 N/R24 E-07	
						WELL	T20 N/R24 E-08	
						WELL	T20 N/R24 E-07	
						WELL	T20 N/R24 E-07	
						WELL	T20 N/R24 E-07	
						WELL	T20 N/R24 E-07	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-29111	Trans Cascade Development Inc	12/03/1991	4,000.00		DM	WELL	T21 N/R26 E-27	
						WELL	T21 N/R26 E-27	
						WELL	T21 N/R26 E-27	
						WELL	T21 N/R26 E-27	
G3-29169	Moses Lake City	02/24/1992	606.50	978.10	DM	WELL	T19 N/R28 E-07	
						WELL	T19 N/R28 E-07	
						WELL	T19 N/R28 E-18	
G3-29185	Crescent View Inc	04/30/1992	750.00		DM IR	WELL	T20 N/R23 E-19	
G3-29198	(b) (6)	05/20/1992	100.00		IR	WELL	T16 N/R23 E-34	
G3-29212	(b) (6)	05/29/1992	1,000.00		IR	WELL	T17 N/R23 E-21	
	(5) (5)					WELL	T17 N/R23 E-26	
						WELL	T17 N/R23 E-26	
						WELL	T17 N/R23 E-21	
						WELL	T17 N/R23 E-27	
						WELL	T17 N/R23 E-27	
						WELL	T17 N/R23 E-26	
						WELL	T17 N/R23 E-27	
						WELL	T17 N/R23 E-27	
						WELL	T17 N/R23 E-27	
G3-29232	Environmental Security Corpora	06/18/1992	2,400.00		CI	WELL	T17 N/R23 E-34	
G3-24810	(b) (6)	02/27/1976	1,000.00		IR		T18 N/R27 E-07	
	7-1/-1						T18 N/R27 E-07	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-*01388C@3	Moses Lake City	12/20/2001	1,000.00	400.00		WELL	T19 N/R28 E-07	SW/NW
A Part of the Part						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-18	SW/SE
						WELL	T19 N/R28 E-17	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T20 N/R28 E-27	SW/NW
						WELL	T19 N/R28 E-20	NW/NW
						WELL	T19 N/R28 E-17	SW/SW
						WELL	T20 N/R28 E-32	NE/SE
						WELL	T20 N/R28 E-32	NE/NW
						WELL	T20 N/R28 E-33	SW/NW
						WELL	T19 N/R29 E-20	SW/NE
						WELL	T19 N/R29 E-20	NW/SE
						WELL	T19 N/R29 E-21	SW/NW
						WELL	T19 N/R28 E-04	NE/SW
						WELL	T19 N/R28 E-29	NW/SW
						WELL	T19 N/R28 E-29	SW/SW
						WELL	T19 N/R28 E-36	NW/NE
						WELL	T19 N/R28 E-15	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-27	NE/NW
						WELL	T19 N/R28 E-14	SE/SE
						WELL	T19 N/R28 E-13	SE/SE
						WELL	T19 N/R28 E-23	NW/NW
						WELL	T19 N/R28 E-27	SE/NE
						WELL	T19 N/R28 E-15	NW/NW
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-23	NE/SE

Disclaimer: This report contains information about water right applications and water right change applications. Applicatons do not constitute an approval of water rights.

WRIA: 41

WRIA: 41								
Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-*00065S@1	Moses Lake City	12/20/2001	300.00	490.00		WELL	T19 N/R28 E-27	NE/NW
						WELL	T19 N/R28 E-14	SE/SE
						WELL	T19 N/R28 E-13	SE/SE
						WELL	T20 N/R28 E-32	NE/SE
						WELL	T20 N/R28 E-32	NE/NW
						WELL	T20 N/R28 E-33	SW/NW
						WELL	T19 N/R28 E-04	NE/SW
						WELL	T20 N/R28 E-27	SW/NW
						WELL	T19 N/R28 E-29	NW/SW
						WELL	T19 N/R28 E-29	SW/SW
						WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-23	NE/SE
						WELL	T19 N/R28 E-24	SW/SW
						WELL	T19 N/R28 E-27	SE/NE

WELL

T19 N/R28 E-15

NW/NW

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-*00055C@1	Moses Lake City	12/20/2001	500.00	500.00		WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-22	NW/NE

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WRIA: 41

WRIA: 41										
Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source		TRS	QUAD	
CG3-*00969C@1	Moses Lake City	12/20/2001	300.00	273.00		WELL		T19 N/R28 E-29	NW/SW	
						WELL		T19 N/R28 E-29	SW/SW	
						WELL	ž.	T20 N/R28 E-33	SW/NW	
						WELL	4	T19 N/R28 E-04	NE/SW	
						WELL		T20 N/R28 E-27	SW/NW	
						WELL		T19 N/R28 E-13	SE/SE	
						WELL		T20 N/R28 E-32	NE/SE	
						WELL		T20 N/R28 E-32	NE/NW	
						WELL		T19 N/R28 E-15	NW/NW	
						WELL		T19 N/R28 E-27	NE/NW	
						WELL		T19 N/R28 E-14	SE/SE	
						WELL		T19 N/R28 E-23	NE/SE	
						WELL		T19 N/R28 E-24	SW/SW	
						WELL		T19 N/R28 E-27	SE/NE	
						WELL		T19 N/R28 E-15	NE/NW	
						WELL		T19 N/R28 E-28	NW/SE	
						WELL		T19 N/R28 E-15	SW/SE	
						WELL		T19 N/R28 E-18	NW/NW	
						WELL		T19 N/R28 E-33	NE/SW	
						WELL		T19 N/R28 E-16	SE/NW	
						WELL		T19 N/R28 E		
						WELL		T19 N/R28 E-07	SW/NW	
						WELL		T19 N/R28 E-07	NW/SW	
						WELL		T19 N/R28 E-04	SE/SW	
						WELL		T19 N/R29 E-20	NE/NE	
						WELL		T19 N/R28 E-04	SW/SE	
						WELL		T19 N/R29 E-18	SW/SE	
						WELL		T19 N/R29 E-17	SE/SW	
						WELL		T19 N/R28 E-25	SW/SE	
						WELL		T19 N/R29 E-20	NW/NW	

WELL

T19 N/R29 E-17

SW/SW

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-*01521C@1	Moses Lake City	12/20/2001	750.00	564.00		WELL	T19 N/R29 E-20	NW/NW
000 0102106						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-23	NE/SE
						WELL	T19 N/R28 E-24	SW/SW
						WELL	T19 N/R28 E-27	SE/NE
						WELL	T19 N/R28 E-15	NW/NW
						WELL	T19 N/R28 E-27	NE/NW
						WELL	T19 N/R28 E-14	SE/SE
						WELL	T19 N/R28 E-13	SE/SE
						WELL	T20 N/R28 E-32	NE/SE
						WELL	T20 N/R28 E-32	NE/NW
						WELL	T20 N/R28 E-33	SW/NW
						WELL	T19 N/R28 E-04	NE/SW
						WELL	T20 N/R28 E-27	SW/NW
						WELL	T19 N/R28 E-29	NW/SW
						WELL	T19 N/R28 E-29	SW/SW

County: Grant

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-*02848C@1	Moses Lake City	12/20/2001	800.00	750.00		WELL	T19 N/R28 E-29	
						WELL	T19 N/R28 E-29	SW/SW
						WELL	T20 N/R28 E-33	
						WELL	T19 N/R28 E-04	
						WELL	T20 N/R28 E-27	
						WELL	T19 N/R28 E-13	SE/SE
						WELL	T20 N/R28 E-32	
						WELL	T20 N/R28 E-32	
						WELL	T19 N/R28 E-15	NW/NW
						WELL	T19 N/R28 E-27	NE/NW
						WELL	T19 N/R28 E-14	SE/SE
						WELL	T19 N/R28 E-23	NE/SE
						WELL	T19 N/R28 E-24	SW/SW
						WELL	T19 N/R28 E-27	SE/NE
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E	
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R29 E-20	NW/NW

WELL

T19 N/R29 E-17 SW/SW

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CG3-*05762C@1 Moses Lake City	12/20/2001	1,535.00	2,456.00		WELL	T19 N/R28 E-29	CIALICIAL
					***	1 19 N/RZO E-29	SW/SW
					WELL	T19 N/R28 E-04	NE/SW
					WELL	T19 N/R28 E-27	SW/NW
					WELL	T19 N/R28 E-29	NW/SW
					WELL	T20 N/R28 E-32	NE/SE
					WELL	T20 N/R28 E-32	NE/NW
					WELL	T20 N/R28 E-33	SW/NW
					WELL	T19 N/R28 E-27	NE/NW
					WELL	T19 N/R28 E-14	SE/SE
				*	WELL	T19 N/R28 E-13	SE/SE
					WELL	T19 N/R28 E-24	SW/SW
					WELL	T19 N/R28 E-27	SE/NE
					WELL	T19 N/R28 E-15	NW/NW
					WELL	T19 N/R28 E-15	SW/SE
					WELL	T19 N/R28 E-28	NW/SE
					WELL	T19 N/R28 E-23	NE/SE
					WELL	T19 N/R28 E-33	NE/SW
					WELL	T19 N/R28 E	
					WELL	T19 N/R28 E-15	NE/NW
					WELL	T19 N/R28 E-07	SW/NW
					WELL	T19 N/R28 E-07	NW/SW
					WELL	T19 N/R28 E-18	NW/NW
					WELL	T19 N/R29 E-20	NE/NE
					WELL	T19 N/R28 E-04	SW/SE
					WELL	T19 N/R28 E-16	SW/NE
					WELL	T19 N/R29 E-17	SE/SW
					WELL	T19 N/R28 E-25	SW/SE
					WELL	T19 N/R28 E-04	SE/SW
					WELL	T19 N/R29 E-20	NW/NW
					WELL	T19 N/R29 E-17	SW/SW
					WELL	T19 N/R29 E-18	SW/SE

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-*05243C@1	Moses Lake City	12/20/2001	1,600.00	160.00		WELL	T19 N/R29 E-20	NW/NW
						WELL	T20 N/R28 E-27	SW/NW
						WELL	T19 N/R28 E-29	NW/SW
						WELL	T19 N/R28 E-29	SW/SW
						WELL	T20 N/R28 E-32	NE/NW
						WELL	T20 N/R28 E-33	SW/NW
						WELL	T19 N/R28 E-04	NE/SW
						WELL	T19 N/R28 E-14	SE/SE
						WELL	T19 N/R28 E-13	SE/SE
						WELL	T20 N/R28 E-32	NE/SE
						WELL	T19 N/R28 E-27	SE/NE
						WELL	T19 N/R28 E-15	NW/NW
						WELL	T19 N/R28 E-27	NE/NW
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-23	NE/SE
						WELL	T19 N/R28 E-24	SW/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-07	NW/SW
					,	WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E	
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-*06661C@1	Moses Lake City	12/20/2001	1,500.00	2,400.00		WELL	T20 N/R28 E-27	SW/NW
						WELL	T19 N/R28 E-29	NW/SW
						WELL	T19 N/R28 E-29	SW/SW
						WELL	T20 N/R28 E-32	NE/NW
						WELL	T20 N/R28 E-33	SW/NW
						WELL	T19 N/R28 E-04	NE/SW
						WELL	T19 N/R28 E-14	SE/SE
						WELL	T19 N/R28 E-13	SE/SE
						WELL	T20 N/R28 E-32	NE/SE
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-15	NW/NW
						WELL	T19 N/R28 E-27	NE/NW
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-23	NE/SE
						WELL	T19 N/R28 E-24	SW/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW

County: Grant

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WRIA: 41								
Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-00637C@1	Moses Lake City	12/20/2001	6,000.00	1,200.00		WELL	T19 N/R28 E-29	SW/SW
						WELL	T19 N/R28 E-04	
						WELL	T20 N/R28 E-27	
						WELL	T19 N/R28 E-29	
						WELL	T20 N/R28 E-32	
						WELL	T20 N/R28 E-32	
						WELL	T20 N/R28 E-33	
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-14	
						WELL	T19 N/R28 E-13	
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R28 E-24	
						WELL	T19 N/R28 E-23	
						WELL	T19 N/R28 E-28	
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-00638C@1	Moses Lake City	12/20/2001	2,000.00	3,200.00		WELL	T20 N/R28 E-27	
						WELL	T19 N/R28 E-29	
						WELL	T19 N/R28 E-29	SW/SW
						WELL	T20 N/R28 E-32	
						WELL	T20 N/R28 E-33	
						WELL	T19 N/R28 E-04	
						WELL	T19 N/R28 E-14	
						WELL	T19 N/R28 E-13	
						WELL	T20 N/R28 E-32	
						WELL	T19 N/R28 E-27	SE/NE
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-23	NE/SE
						WELL	T19 N/R28 E-24	SW/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R29 E-20	NW/NW

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WRIA: 41								
Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-00842C@1	Moses Lake City	12/20/2001	970.00	1,500.00		WELL	T19 N/R28 E-29	
						WELL	T19 N/R28 E-29	SW/SW
						WELL	T20 N/R28 E-33	
						WELL	T19 N/R28 E-04	
						WELL	T20 N/R28 E-27	
						WELL	T19 N/R28 E-13	
						WELL	T20 N/R28 E-32	
						WELL	T20 N/R28 E-32	
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-14	
						WELL	T19 N/R28 E-23	
						WELL	T19 N/R28 E-24	
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E	
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-01326C@1	Moses Lake City	12/20/2001	2,150.00	4,025.00		WELL	T19 N/R28 E-29	
						WELL	T19 N/R28 E-29	SW/SW
						WELL	T20 N/R28 E-33	
						WELL	T19 N/R28 E-04	
						WELL	T20 N/R28 E-27	
						WELL	T19 N/R28 E-13	
						WELL	T20 N/R28 E-32	
						WELL	T20 N/R28 E-32	
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-14	
					3	WELL	T19 N/R28 E-23	NE/SE
						WELL	T19 N/R28 E-24	SW/SW
						WELL	T19 N/R28 E-27	SE/NE
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-15	SW/SE
						WELL	T19 N/R28 E-28	NW/SE
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R	
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E	
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW

As Of 12/5/2005

WATER RIGHTS TRACKING SYSTEM CURRENT WATER RIGHT & WATER RIGHT CHANGE APPLICATIONS PENDING WITH ECOLOGY County: Grant

Disclaimer: This report contains information about water right applications and water right change applications. Applicatons do not constitute an approval of water rights.

Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-26379C@1	Moses Lake City	12/20/2001	4,500.00	2,000.00		WELL	T19 N/R28 E-29	SW/SW
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-28	
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-04	SE/SE
						WELL	T19 N/R28 E-15	NW/NW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-01465C@2	Moses Lake City	12/20/2001	1,200.00	548.00		WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW
						WELL	T22 N/R27 E-28	NE/NE
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R29 E-20	NW/NW
CG3-01550C@2	Moses Lake City	12/20/2001	500.00	647.60		WELL	T19 N/R29 E-20	NW/NW
						WELL	T19 N/R29 E-17	SW/SW
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-18	NW/NW
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-15	NE/NW

County: Grant

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-28169@1	Moses Lake City	12/20/2001	1,000.00	200.00		WELL	T19 N/R28 E-15	NE/NW
						WELL	T19 N/R28 E-36	NW/NE
						WELL	T19 N/R28 E-18	
						WELL	T19 N/R28 E-33	NE/SW
						WELL	T19 N/R28 E-16	SE/NW
						WELL	T19 N/R28 E-16	SW/NE
						WELL	T19 N/R28 E-07	SW/NW
						WELL	T19 N/R28 E-07	NW/SW
						WELL	T19 N/R28 E-04	SE/SW
						WELL	T19 N/R29 E-20	NE/NE
						WELL	T19 N/R28 E-04	SW/SE
						WELL	T19 N/R29 E-18	SW/SE
						WELL	T19 N/R29 E-17	SE/SW
						WELL	T19 N/R28 E-25	SW/SE
						WELL	T19 N/R29 E-20	NW/NW
	(b) (6)					WELL	T19 N/R29 E-17	SW/SW
G3-30336	(b) (0)	11/08/2001	35.00		DM ST	WELL	T17 N/R27 E-19	
G3-29376		11/25/1992	1,800.00		IR	WELL	T19 N/R23 E-28	
G3-30335		11/08/2001	70.00		DS ST	WELL	T17 N/R26 E-24	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-30252	Moses Lake City	12/14/1998	9,000.00		MU	WELL	T19 N/R29 E-20	
						WELL	T19 N/R29 E-21	
						WELL	T19 N/R28 E-36	
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R29 E-20	
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-14	
						WELL	T19 N/R28 E-13	
						WELL	T19 N/R28 E-14	
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R28 E-28	
						WELL	T19 N/R28 E-23	
						WELL	T19 N/R28 E-33	
						WELL	T19 N/R28 E-16	
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R28 E-07	
						WELL	T19 N/R28 E-18	
						WELL	T19 N/R28 E-04	
						WELL	T19 N/R28 E-16	
						WELL	T19 N/R28 E-07	
						WELL	T19 N/R28 E-25	
						WELL	T19 N/R28 E-04	
						WELL	T19 N/R29 E-20	
						WELL	T19 N/R29 E-17	
						WELL	T19 N/R29 E-18	
						WELL	T19 N/R29 E-17	
						WELL	T19 N/R28 E-29	
						WELL	T19 N/R28 E-29	
						WELL	T19 N/R29 E-20	
						WELL	T19 N/R28 E-04	
						WELL	T19 N/R28 E-04	
						WELL	T20 N/R28 E-27	
						WELL	T20 N/R28 E-32	
						WELL	T20 N/R28 E-32	
						WELL	T20 N/R28 E-33	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-30260	Moses Lake City	02/19/1999	1,600.00	Qa	MU	WELL	T19 N/R28 E-15	QUAD
03-30200	Woses Lake City	02/19/1999	1,000.00		IVIO	WELL	T19 N/R28 E-29	
						WELL	T19 N/R28 E-18	
						WELL	T19 N/R28 E-33	
						WELL	T19 N/R28 E-16	
						WELL	T19 N/R28 E-16	
						WELL	T19 N/R28 E-07	
						WELL	T19 N/R28 E-07	
						WELL	T19 N/R28 E-04	
						WELL	T19 N/R29 E-20	
						WELL	T19 N/R28 E-04	
						WELL	T19 N/R29 E-18	
						WELL	T19 N/R29 E-17	
						WELL	T19 N/R29 E-17	
						WELL	T19 N/R28 E-29	
						WELL	T19 N/R29 E-29	
						WELL	T19 N/R29 E-17	
						WELL	T19 N/R28 E-04	
						WELL	T19 N/R28 E-04	
						WELL	T20 N/R28 E-27	
						WELL	T20 N/R28 E-32	
						WELL	T20 N/R28 E-32	
						WELL	T20 N/R28 E-32	
						WELL	T19 N/R29 E-20	
						WELL	T19 N/R29 E-20	
						WELL	T19 N/R29 E-21	
						WELL	T19 N/R29 E-21	
						WELL	T19 N/R28 E-36	
						WELL		
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R28 E-15	
							T19 N/R28 E-27	
						WELL	T19 N/R28 E-14	
						WELL	T19 N/R28 E-23	
						WELL	T19 N/R28 E-24	
						WELL	T19 N/R28 E-27	
						WELL	T19 N/R28 E-15	
						WELL	T19 N/R28 F-28	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose			QUAD
G3-30020	Pacific Northwest Sugar Co	02/03/1997	4,500.00		CIIR	WELL	T19 N/R29 E-20	
						WELL	T19 N/R29 E-20	
					-	WELL	T19 N/R29 E-20	
G3-28825	Basic American Foods	08/20/1990	1,500.00		IR	WELL	T18 N/R28 E-14	
						WELL	T18 N/R28 E-14	
		- 12:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00	2/08/09/2020		1/42	WELL	T18 N/R28 E-11	
G3-28826	Basic American Foods	08/20/1990	1,500.00		IR	WELL	T18 N/R28 E-14	
						WELL	T18 N/R28 E-14	
						WELL	T18 N/R28 E-14	
G3-28460	Basic American Foods	08/20/1990	1,500.00		IR	WELL	T18 N/R28 E-11	
G3-29080	(b) (6)	11/14/1991	750.00		IR	WELL	T19 N/R25 E-21	
						WELL	T19 N/R25 E-21	
CG3-*01102C		09/05/2000	1,000.00	375.00		WELL	T19 N/R27 E-16	W2/NW
12.22						WELL	T19 N/R27 E-16	NW/NW
G3-30287		02/22/2000	400.00		EN ST	WELL	T17 N/R29 E-36	
						WELL	T17 N/R29 E-36	
						WELL	T17 N/R29 E-36	
	(h) (6)					WELL	T17 N/R29 E-36	
G3-30418	(b) (6)	02/11/2004	30.00	20.00	DS IR ST		T19 N/R27 E-12	NE/NE
G3-29574(A)		10/26/1993	2,500.00		IR		T17 N/R25 E-18	NE/SE
							T17 N/R25 E-17	SW/NE
G3-29574(B)		10/26/1993	1,250.00		IR		T17 N/R25 E-17	SW/NE
Carrieron of themself							T17 N/R25 E-18	NE/SE
G3-29574(C)		10/26/2004	1,250.00		IR		T17 N/R25 E-17	SW/NE
8.6							T17 N/R25 E-18	SW/NE
CG3-*00718S@1	City of Quincy	10/21/2004			MU		T20 N/R24 E-07	SE/SE
	Action to the second se						T20 N/R24 E-07	NE/SE
							T20 N/R24 E-07	SE/SW
							T20 N/R24 E-07	SW/SE
							T20 N/R24 E-08	SE/SE
CG3-29067@1	(b) (6)	01/10/2005	5,280.00	2,317.00	FP IR	WELL	T17 N/R25 E-07	
	(5) (6)					WELL	T17 N/R25 E-07	
						WELL	T17 N/R25 E-07	
						WELL	T17 N/R25 E-07	

County: Grant

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-29140@1	(b) (6)	01/10/2005	3,000.00	1,050.00	IR	WELL	T17 N/R25 E-08	
						WELL	T17 N/R25 E-08	
						WELL	T17 N/R25 E-08	
G3-22406		01/21/1974	4,800.00	2,000.00	IR		T18 N/R27 E-07	
G3-QB1410		06/18/1993	60.00	14.00			T22 N/R27 E-11	SW/SE
CG3-28674		04/25/2005			IR	WELL	T16 N/R26 E-19	
						Well 2	T16 N/R24 E-20	SE/NE
						Well 3	T16 N/R24 E-21	SW/NW
CG3-29106@1		04/25/2005			IR	WELL	T16 N/R24 E-21	
						WELL	T16 N/R24 E-20	
CG3-28697		04/06/2005			IR	WELL	T15 N/R26 E-04	
						WELL	T15 N/R26 E-04	
						WELL	T15 N/R26 E-05	
						WELL	T15 N/R26 E-05	
						WELL	T15 N/R26 E-03	
						WELL	T15 N/R26 E-03	
CG3-28543	(b) (6)	06/06/2005			IR	WELL	T16 N/R23 E-03	
CG3-01508C(A)	Maiers Enterprises LLC	03/04/2005			IR	WELL	T19 N/R23 E-25 T20 N/R28 E-08	SE/NW SE/SE
CG4-GWC7601-A@3	(b) (6)	06/30/2005	93.28	36.00	MU	WELL	T33 N/R26 E-11	NW
004 0110100171.000		00/00/2000	00.20	30.00	IVIO	Timothy E Cowin	T20 N/R23 E-18	SW
CG4-GWC7601-A@5		06/30/2005	411.72	160.00	IR	WELL	T33 N/R26 E-11	NW
331313131163		00,00,200		,00.00	***	11	T20 N/R23 E-18	SW
S3-22598		02/20/1974	5,300.00		IR		T19 N/R27 E-31	W2
CS4-*14257C		07/29/2005	0.20	50.00	IR	Well 2	T20 N/R23 E-19	NE/SW
						Well 1	T20 N/R23 E-18	SE/SW
CG3-29201@3		07/29/2005			IR	WELL 1	T17 N/R23 E-27	SE/NW
						WELL 2	T17 N/R23 E-27	NW/SW
						WELL 6	T17 N/R23 E-27	NW/SW
						WELL 7	T17 N/R23 E-27	NW/NE
						WELL 8	T17 N/R23 E-27	NW/NW
							T17 N/R23 E-15	NW/NE

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
CG3-28598@1	(b) (6)	06/06/2005			IR	WELL 1 WELL 2 Well 3 Well 4	T21 N/R23 E-33 T21 N/R23 E-34 T17 N/R26 E-23 T17 N/R26 E-23	SE/SE SW/SW
CG3-29446	(b) (6)	09/23/2005	100.00	16.00	DM	WELL	T17 N/R28 E-18	SW/SE
CG3-01562C	(b) (6)	10/21/2005			IR	WELL	T19 N/R30 E-24 T21 N/R30 E-23 T21 N/R30 E-23 T21 N/R30 E-26	SE/SE NE/NE NE/SE SE/NW
CG3-21081C	(b) (6)	10/21/2005			IR	WELL Well 1 Well 2	T32 N/R25 E-20 T20 N/R23 E-19 T20 N/R23 E-19	NE/SW NE/NW
CG3-29049@2	(b) (6)	01/26/2005			IR	WELL	T17 N/R24 E-13 T17 N/R24 E-12	
CG3-28583	(b) (6)	06/15/2005			DS IR	WELL	T20 N/R23 E-07	
WRIA: 42								
Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-30266	Lake Ridge Hills Water Associa	06/21/1999	195.00		DM IR	WELL	T28 N/R30 E-29 T28 N/R30 E-29	
G3-30157	(b) (6)	03/06/1998	30,000.00		IR	WELL WELL WELL WELL WELL	T26 N/R30 E-21 T26 N/R30 E-22 T26 N/R30 E-14 T26 N/R30 E-16 T26 N/R30 E-16	
G3-30203	(b) (6)	06/17/1998	50.00		DS FR IR ST	WELL	T25 N/R28 E-27	
G3-30183	Grand Coulee City	08/19/1999	2,000.00		MU	WELL WELL WELL	T28 N/R30 E-11 T28 N/R30 E-11 T28 N/R30 E-11 T28 N/R30 E-11	
						WELL	T28 N/R30 E-11	
G3-30068	Rim Rock Cove Owners Associati	07/29/1998	285.00		DM IR	WELL	T24 N/R27 E-29 T24 N/R27 E-29	
G3-29975	(b) (6)	07/17/1996	50.00		DS IR	WELL	T21 N/R26 E-08	
G3-29922	(b) (6)	12/12/1995	35.00		DM	WELL	T21 N/R26 E-02	

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-29883	Grant Cnty Port Dist 7	09/01/1995	100.00		DM	WELL	T28 N/R30 E-20	
						WELL	T28 N/R30 E-20	
G3-29774	(b) (6)	11/21/1994	1,000.00		CI DM FR	WELL	T21 N/R26 E-02	
	The state of the s					WELL	T21 N/R26 E-02	
G3-29822	Fordair Water Cooperative Inc	04/21/1995	75.00		DM	WELL	T25 N/R28 E-26	
						WELL	T25 N/R28 E-26	
G3-29603	(b) (6)	12/30/1993	20.00	1.65	DS IR	WELL	T25 N/R28 E-27	
G3-29662	Isaak Land Co Inc	03/22/1994	4,000.00		IR ST	WELL	T24 N/R29 E-10	
G3-29370	(b) (6)	05/18/1993	7,500.00		IR	WELL	T24 N/R29 E-27	
						WELL	T24 N/R29 E-33	
						WELL	T24 N/R29 E-34	
G3-29384	(b) (6)	02/17/1993	70.00		DS IR	WELL	T21 N/R26 E-06	
G3-29485	Grant Cnty Cemetary Dist 3	06/01/1993	40.00		DS IR	WELL	T25 N/R30 E-07	
	71-3-703					WELL	T25 N/R30 E-07	
G3-29516	(b) (6)	07/15/1993	19.00		DS IR	WELL	T25 N/R28 E-26	
G3-28946		02/14/1991	38.00		DM IR	WELL	T21 N/R26 E-07	
G3-28971		04/29/1991	5,400.00		IR	WELL	T25 N/R30 E-18	
						WELL	T25 N/R30 E-20	
G3-29044		07/18/1991	75.00		DS IR	WELL	T21 N/R26 E-06	
						WELL	T21 N/R26 E-06	
G3-29116		01/31/1992	75.00		DS IR	WELL	T21 N/R26 E-06	
G3-28553		08/26/1988	5,000.00	2,400.00	IR	WELL	T25 N/R29 E-22	
						WELL	T25 N/R29 E-28	
						WELL	T25 N/R29 E-21	
						WELL	T25 N/R29 E-22	
G3-28564	Isaak Land Co Inc	10/26/1988	6,000.00	3,000.00	IR	WELL	T25 N/R29 E-19	
						WELL	T25 N/R29 E-20	
						WELL	T25 N/R29 E-21	
						WELL	T25 N/R28 E-24	
						WELL	T25 N/R28 E-24	
		same over the	22 22 22 22 22 22 22 22 22 22 22 22 22			WELL	T25 N/R28 E-25	
G3-28629	(b) (6)	05/19/1989	750.00		IR	WELL	T25 N/R29 E-18	

As Of 12/5/2005

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Control Nbr	Business/Person Name	Priority Dt	Qi	Qa	Purpose	Source	TRS	QUAD
G3-24146	(b) (6)	11/12/1974	23.00		DS IR ST		T22 N/R27 E-30 T22 N/R27 E-30 T22 N/R27 E-30	
\$3-30368	(b) (6)	05/28/2002	0.11		DG RE	SOAP LAKE	T22 N/R26 E-12	
G3-30281	Grand Coulee City	03/20/2000	2,000.00		MU	WELL WELL WELL WELL	T N/R T N/R T28 N/R30 E-11 T28 N/R30 E-11 T N/R	
G3-30237	Grand Coulee City	03/24/2000	2,000.00		MU	WELL	T28 N/R30 E-11 T28 N/R30 E-11	
G3-30385	Isaak Land, Inc.	03/13/2003	1,200.00	325.00	IR		T25 N/R29 E-34 T24 N/R29 E-15 T24 N/R29 E-10	SE/SE SW/NE NE/NE
G3-30389	Creative Living, Inc	02/13/2003	425.00	32.00	DM	Well 1 Well 2	T24 N/R27 E-29 T24 N/R27 E-29	SW/NE NW/SE
G3-30397	WHR Properties, Inc.	02/11/2003	40.00		DM IR SR		T22 N/R26 E-12	NE/NW
G3-30411	(b) (6)	03/30/1998	2,000.00	640.00	IR		T23 N/R29 E-11	SE/NE